IEEE 802.11n Draft 2.0 Wireless USB Adapter

User's Manual

English

Deutsch

Italiano

Español

User's Guide

IEEE 802.11n Draft 2.0 Wireless
USB Adapter

FCC Certifications

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE Mark Warning

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE, the essential protection requirement of Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please check with your local distributors for the latest information. No part of this document can be copied or reproduced in any form without written consent from the company.

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OVERVIEW

Thank you for purchasing this product. Read this chapter to know about your IEEE 802.11n Wireless Adapter.

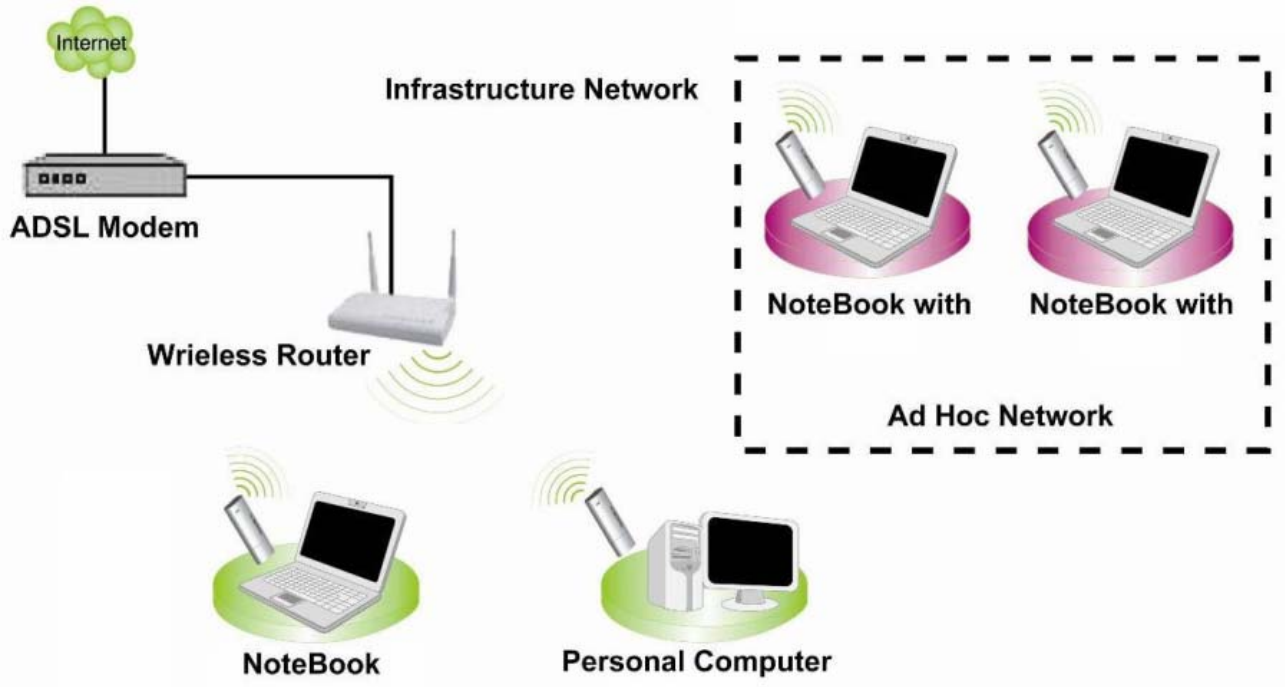
Unpacking information

Before getting started, please verify that your package includes the following items:

1. IEEE 802.11n Wireless Adapter
2. One Utility/ Manual CD

Introduction to the IEEE 802.11n Wireless Adapter

The IEEE 802.11n Wireless adapter provides users to launch IEEE 802.11n wireless network at 150 Mbps in the 2.4GHz frequency, which is also compatible with IEEE 802.11b /g wireless devices. You can configure this adapter with ad-hoc mode to connect to other 2.4GHz wireless computers or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility.



Key Features

- Complies with IEEE 802.11 n/b/g wireless standard
- High Speed transfer data rate up to 150 Mbps
- Support QoS Enhancement (WMM, WMM-PS Client mode)
- Support frame aggregation, Power saving mechanism, channel management and co-existence
- Supports auto-installation and diagnostic utilities.
- Support wireless data encryption with 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions.

INSTALLATION GUIDE

Installation

Note: The following driver installation guide uses Windows XP as the presumed operation system. The procedures and screens in Windows 98se, 2000 and Vista are familiar with Windows XP.

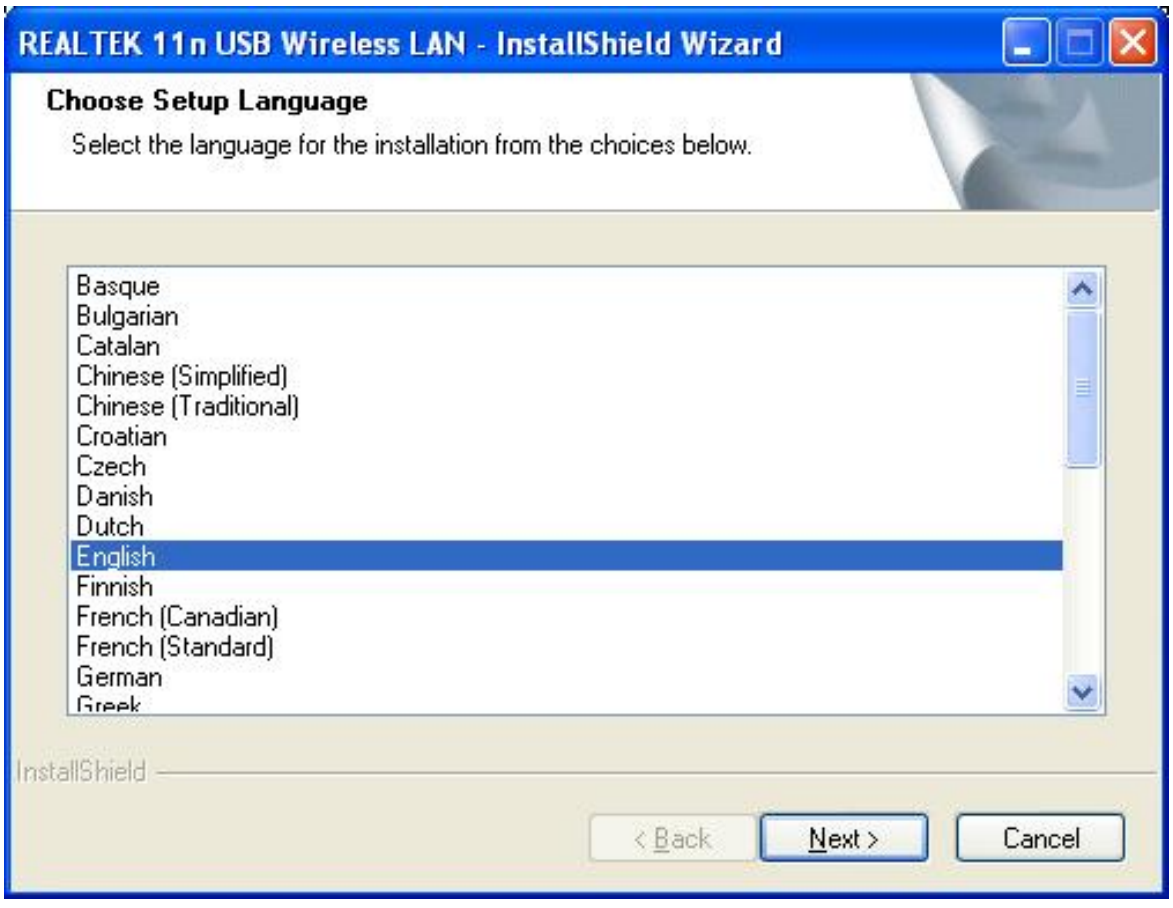
1. Unplug the power cord of your computer from outlet. Remove the cover of your computer.
2. Install the adapter into a PCI socket, PCMCIA slot or USB port.
3. The "Found New Hardware Wizard" pops up. (**Note:** This wizard won't pop up in Windows 98 and ME. The system finds the new hardware and installs the hardware automatically. Please skip the following steps and restart the system after installation.)
4. Click the **"Cancel"** button.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

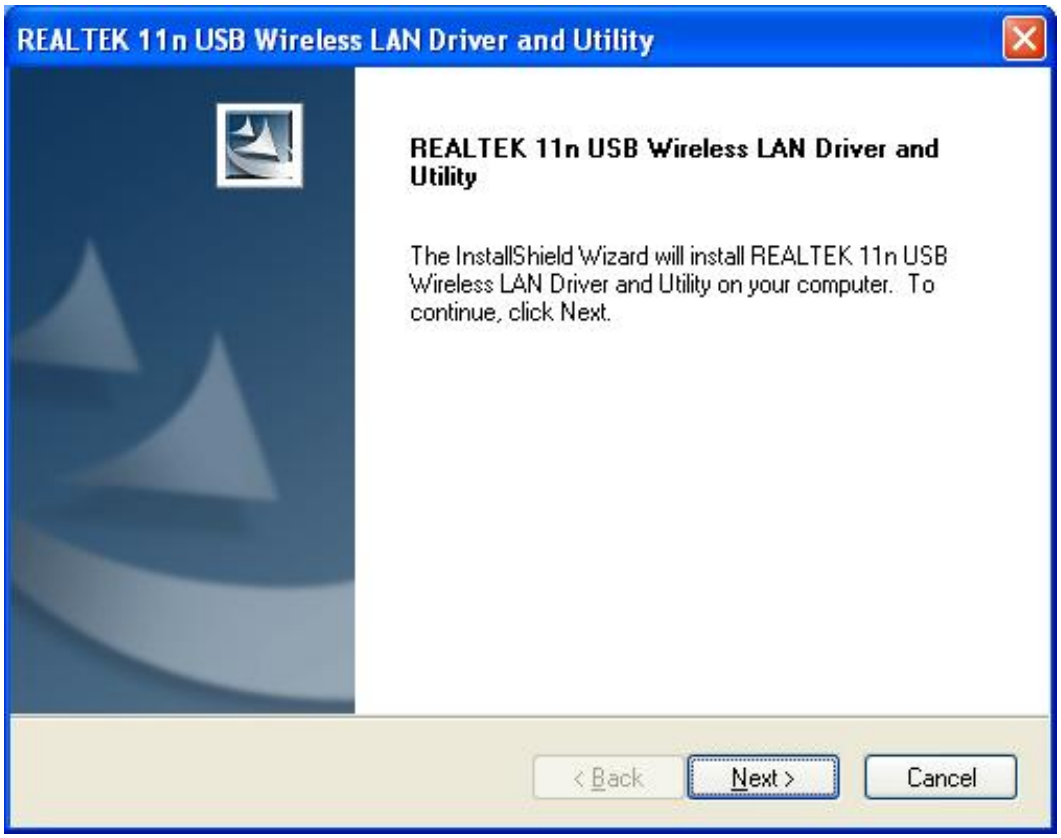
Insert the CD-Rom that came with this product to your CD-Rom drive. The menu window pops up automatically. Please click the **Driver**> **Win** button of this product.

Note: If the CD-Rom fails to auto-run, please click on "**My Computer**"→ **your CD-Rom Drive** then double-click the "**Setup"** icon to start the this menu.

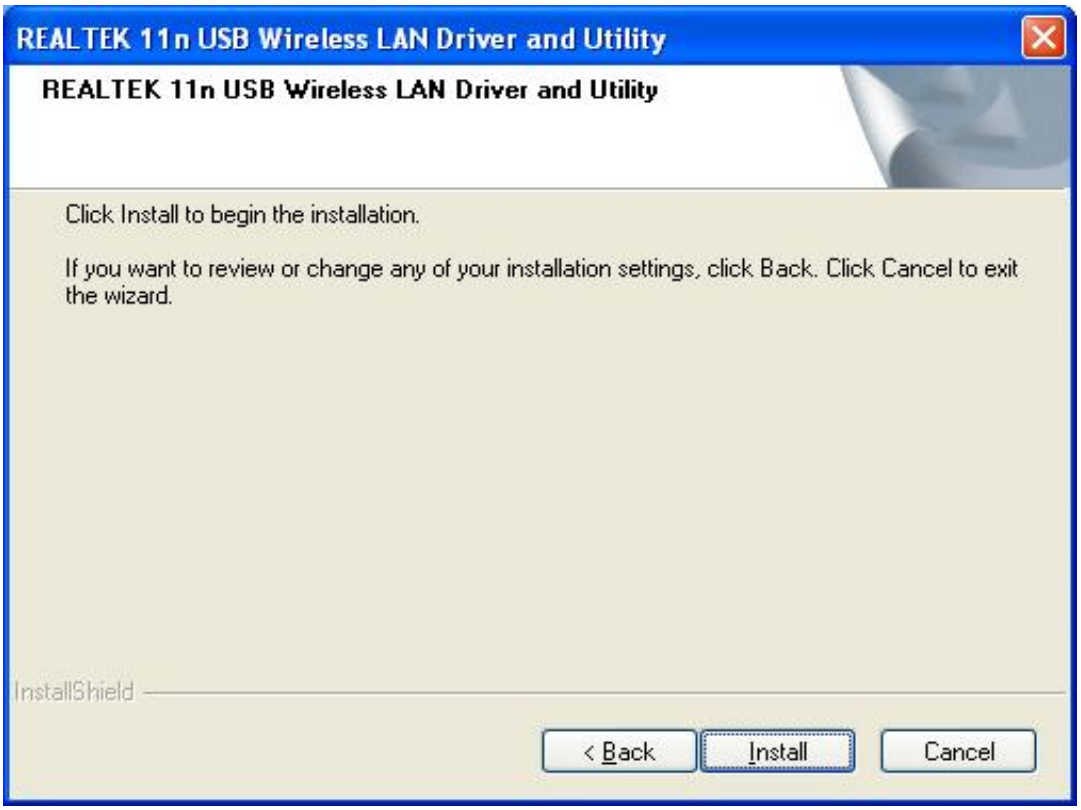
1. The language-selecting window pops up. Please select the language you use and click **Next**.



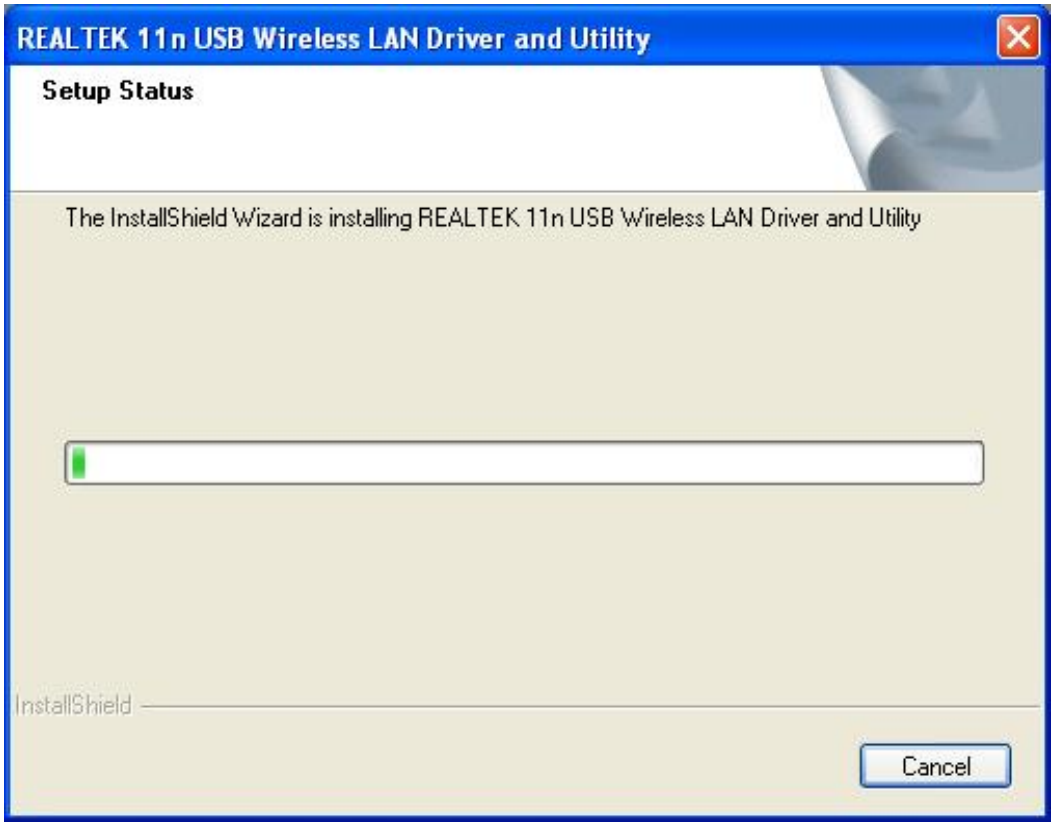
2. The welcome window pops up. Click the **"Next"** button to proceed.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

3. . Click the "Install" button to start installing.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

4. Please wait while installation


REALTEK 11n USB Wireless LAN Driver and Utility
Setup Status
The InstallShield Wizard is installing REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield
Cancel

5. This Windows Logo testing warning window may pop up upon installation. Please click the "**Continue Anyway**" to continue.

Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Hardware Installation
The software you are installing for this hardware:
Realtek RTL8188SU Wireless LAN 802.11n USB 2.0 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

6. Please wait again while installation

7. For Windows XP and 2000 users, please shut down the computer. If you are using Windows 98se or ME, the system may ask for restarting. Please select **"No, I will restart my computer later."** and then shut the computer down. Click the **"Finish"** button to complete driver and utility installation.

REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

MANAGEMENT GUIDE

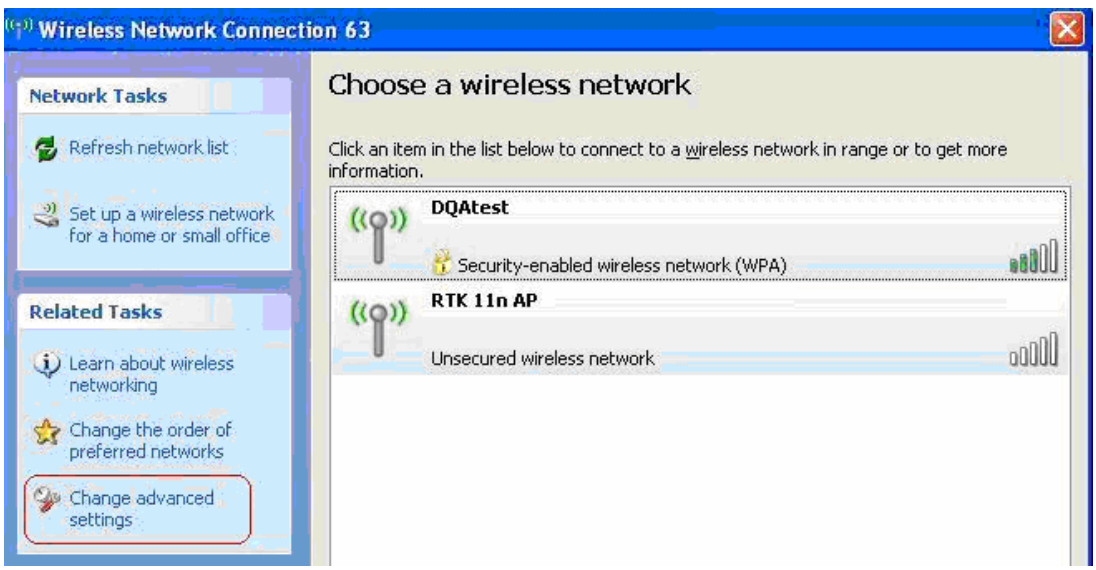
Read this chapter to understand the management interface of the device and how to manage the device.

Making a Basic Network Connection

Connecting with Microsoft Zero Configuration tool

After specifying the Microsoft Zero Configuration tool to configure your wireless network, right click on the icon on system tray. Select “View Available Wireless Networks” to specify your wireless network.

The tool shows the available wireless networks. Select your demanding network to connect with. To connect to a wireless network, please click **Change advanced settings** to be compatible with your wireless network settings.

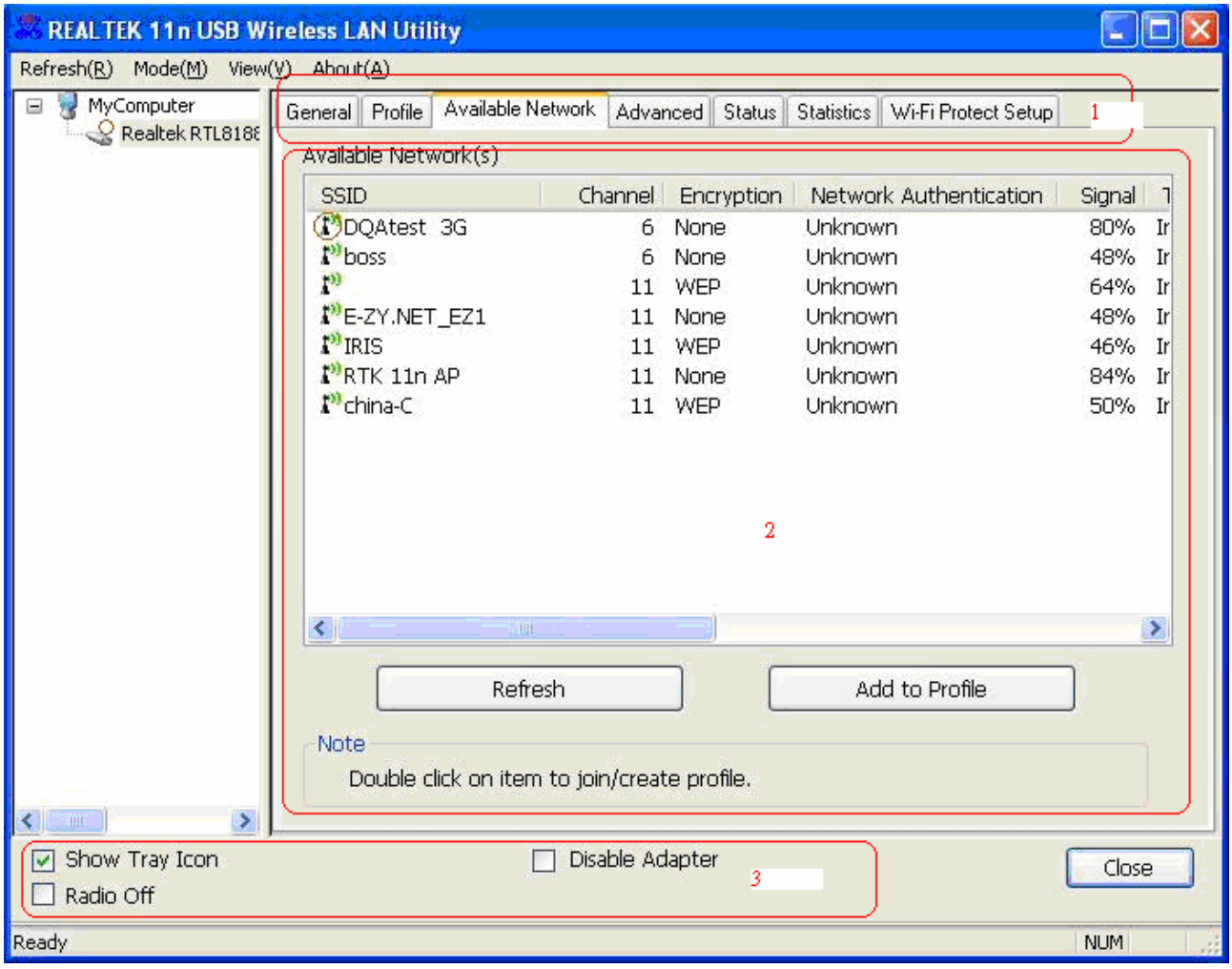

Wireless Network Connection 63
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
DQAtest
Security-enabled wireless network (WPA)
RTK 11n AP
Unsecured wireless network

Connecting with 802.11n Wireless LAN Utility

We provide this Utility for users to connect to a wireless network easily. It provides more information and configuration for this adapter. As default, the Utility is started automatically upon starting your computer and connects to a connectable wireless network with best signal strength and with no security setting. Right click on the icon in the system tray and select **Open Config utility** if the Utility does not start. Please refer to the following chapters to get information regarding to the functions of this Utility.

Starting the Wireless LAN Utility

Double click the shortcut on your desktop. The Wireless LAN Utility pops up.

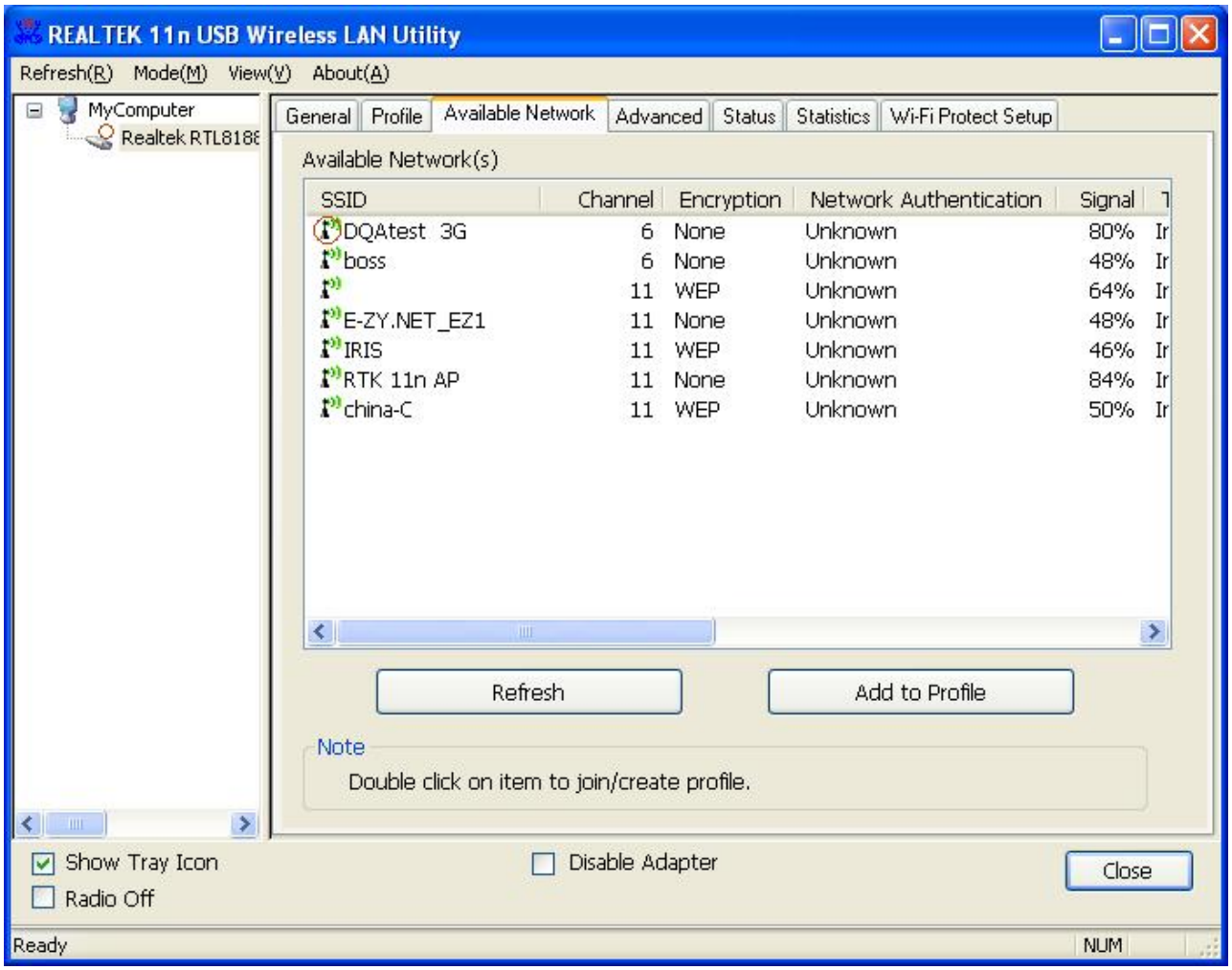


You may click on the tabs above to configure this adapter. The checkboxes below provide the following functions:

Show Tray Icon	Check this checkbox to show the utility icon on your system tray, which is in the notification area at the lower-right corner of the windows desktop. You may also uncheck it to remove the utility icon from system tray.
Radio Off	Check this checkbox to prevent this adapter form transmitting or receiving signals. Uncheck it to communicate.
Disable Adapter	Check this checkbox to disable this wireless adapter. Uncheck it to enable this adapter again.

To use this adapter in Station Mode

1. Double click the icon on your desktop.
2. Click the **"Available Network"** button to scan available wireless network adapters. Double click on the network adapter that you are going to connect to.

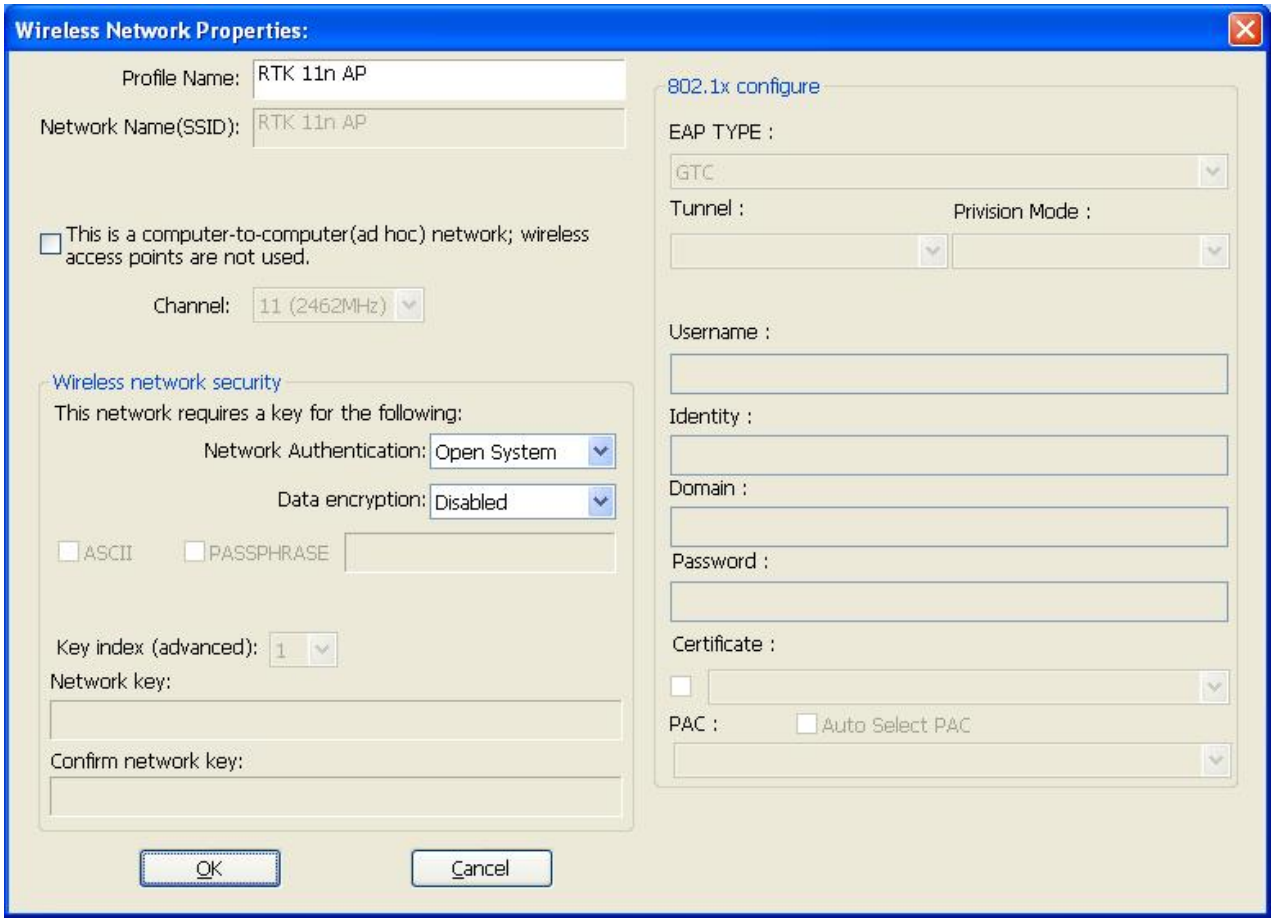


3. Click the OK button to confirm that you are connecting to an open wireless network.

Unsecured network
You are connecting to the unsecured network " RTK 11n AP ".
Information sent over this network is not encrypted and might be visible to other people.
OK
Cancel

4. Click OK to add this network into the profile list.

Note: This example is an open wireless network. If you are going to connect to a Wireless adapter with security protection, you will have to configure the encryption settings in this profile to be corresponding to the other wireless adapter. Please click on the **"Network Authentication"** drop list to select an authentication method, and then select a **"Data encryption"** type. Fill in each required blanks and click **"OK"**.

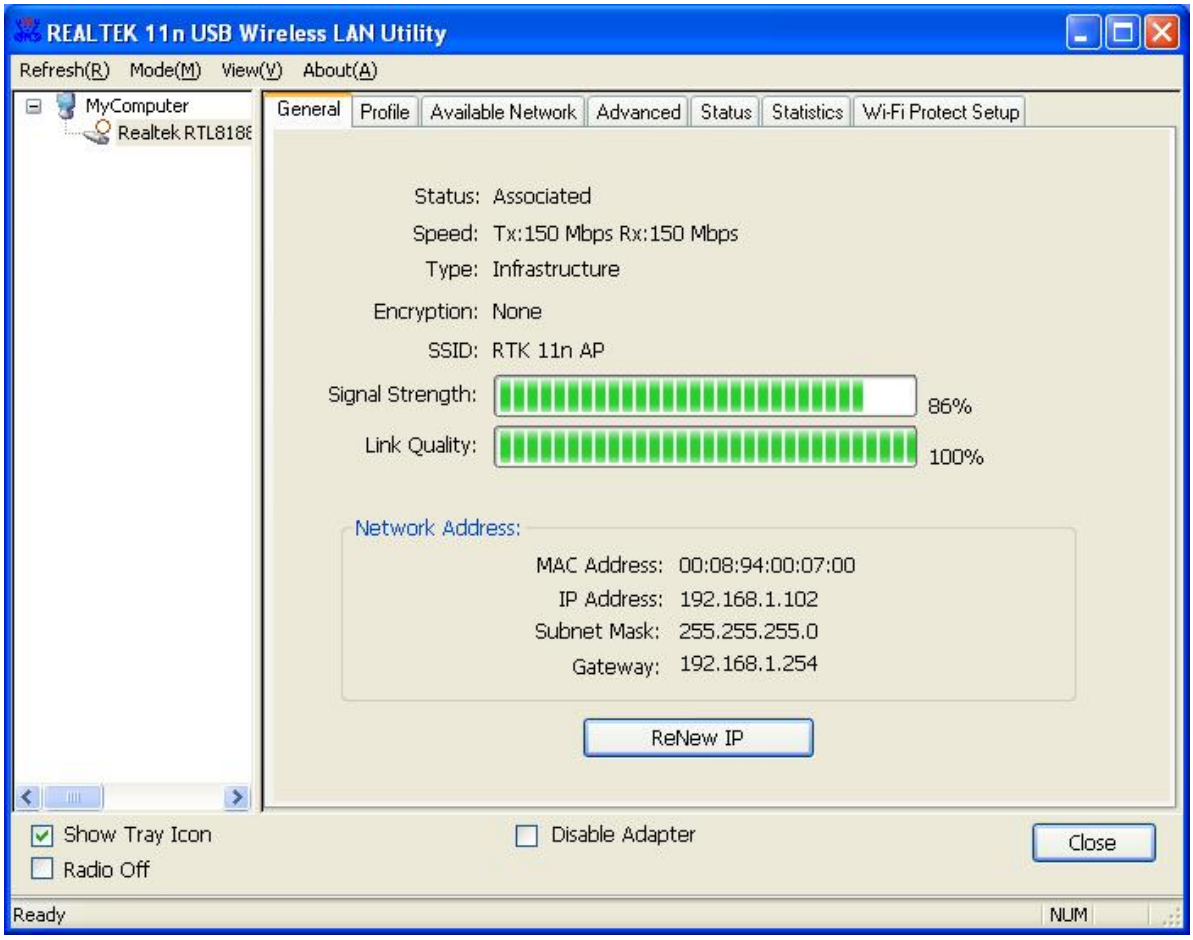


Introduction to the Wireless LAN Utility

Note: This management instruction uses Windows XP as the presumed operation system. Some functions are not supported in Windows 98se or Windows ME.

General

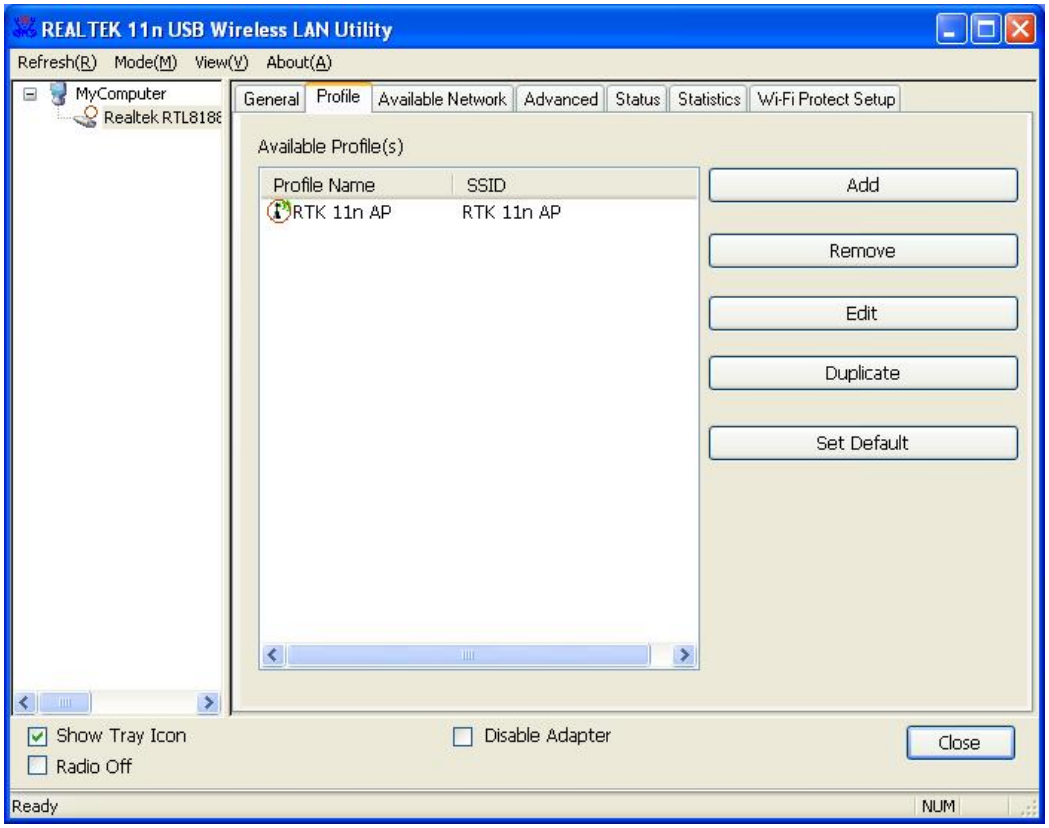
After starting the utility, the general page pops up This **General** tab provides the information of your current wireless network connection. You may click the **Renew IP** button to refresh those listed information.



Status:	Check if the device associated to target network.
Speed:	The current connection speed
Type:	Infrastructure mode or Ad-Hoc mode.
Encryption:	The performing encryption mode for connecting to current network profile.
SSID:	The SSID (network name) of the connected wireless network.
Signal Strength:	Indicates the signal strength detected by this adapter.
Link Quality	Indicates the link quality of this wireless connection.
Network Address:	Shows the current IP addresses settings for this adapter.

Profile

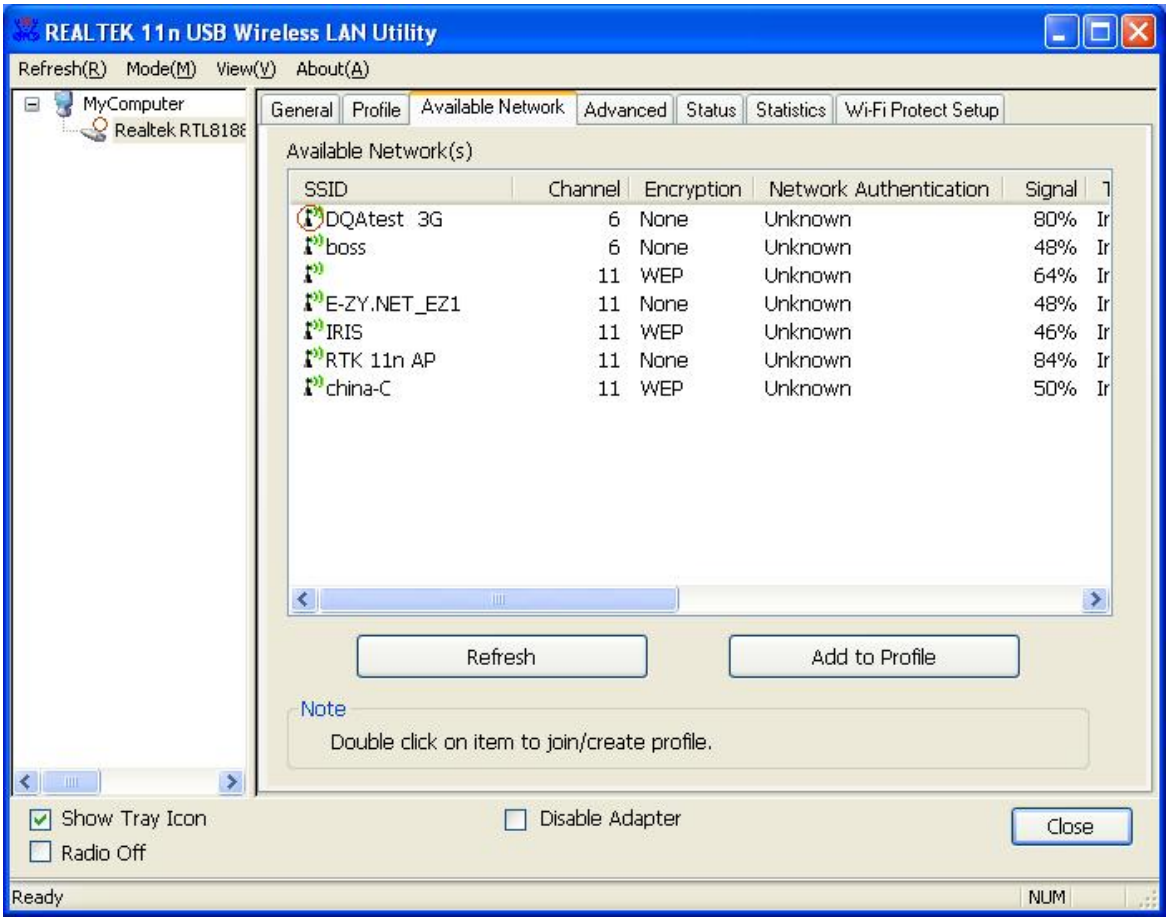
The **Profile** tab lists the preferred connections. You can click the buttons beside to do configure each connection.



Add	Click this button to add a connection profile for this adapter.
Remove	To remove a connection profile, click this profile on the profile list and click this button to delete it.
Edit	To modify the configurations for a profile, click this profile on the profile list and click this button to edit.
Duplicate	To make a copy of a profile, click the profile that going to be copied, and click this button to copy it.
Set Default	To select a profile as your default wireless connection, click this profile on the list and click this button. You may also double click on each profile to select it as your default wireless connection.

Available Network

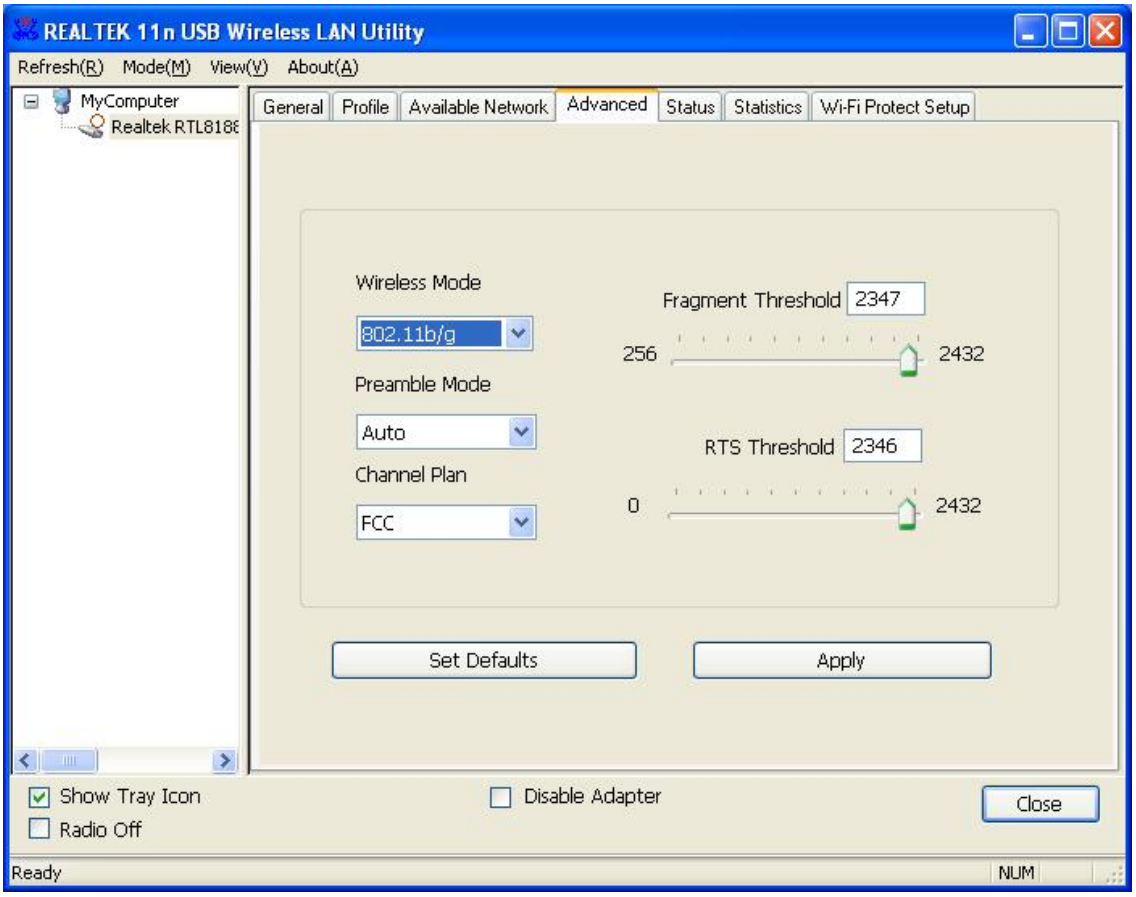
This available tab lists the reachable wireless network of this adapter.



Refresh	Click this button to rescan available networks around the adapter.
Add to Profile	To add an available Network to your profile list, select an available network and click this button to add.

Advanced

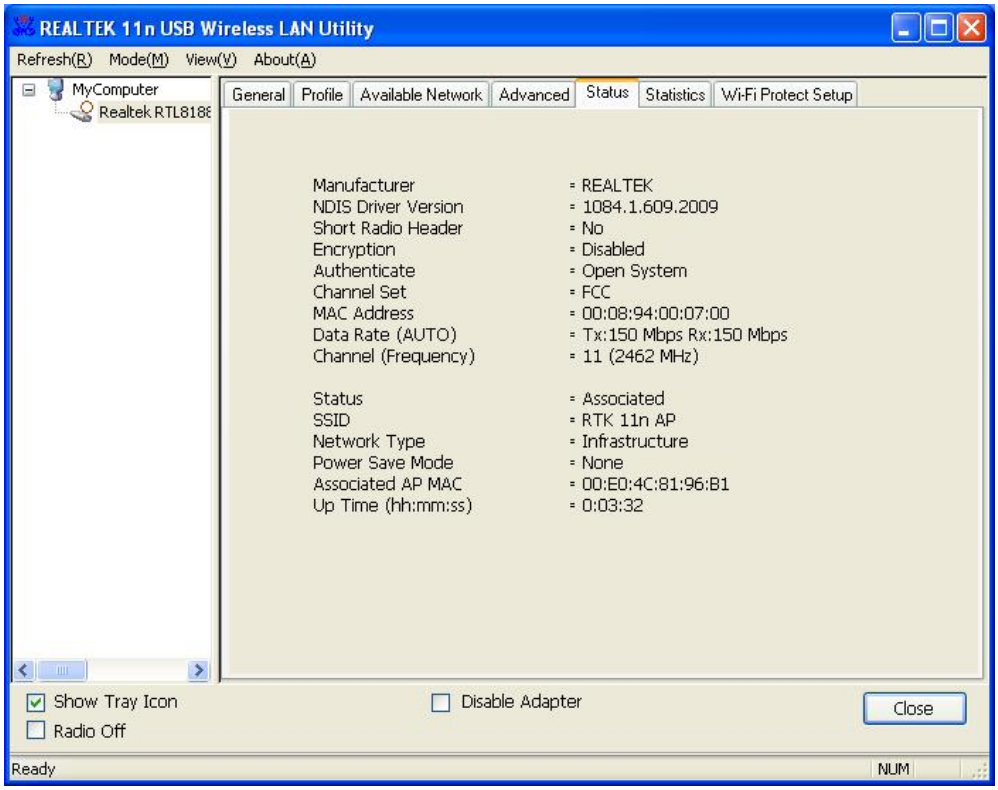
This Advanced tab provides advanced configurations to this adapter. Every modification in this tab will be performed after clicking the **Apply** button.
To restore the default settings of the advanced tab, click the **Set defaults** button to perform restoring.



Fragment Threshold	
The maximum size of a packet that is going to be segmented and transmitted. Select the size from 256 to 2432(default) bytes.	
RTS Threshold	
Select the RTS Threshold form 0 to 2432(default)	
Wireless Mode	
802.11g/b	Connect to a 802.11b/g network (2.4GHz/54Mbps)
802.11b	Connect to a 802.11b network (2.4GHz/11Mbps)
802.11n	Connect to a 802.11n network (2.4GHz/150Mbps)
Preamble Mode	
Select the preamble mode to be long, short or auto detection mode.	
Channel Plan	
Select your channel from the drop list. Please note that it is necessary for you to select a correct channel. Selecting an incorrect channel may again the applicable law.	

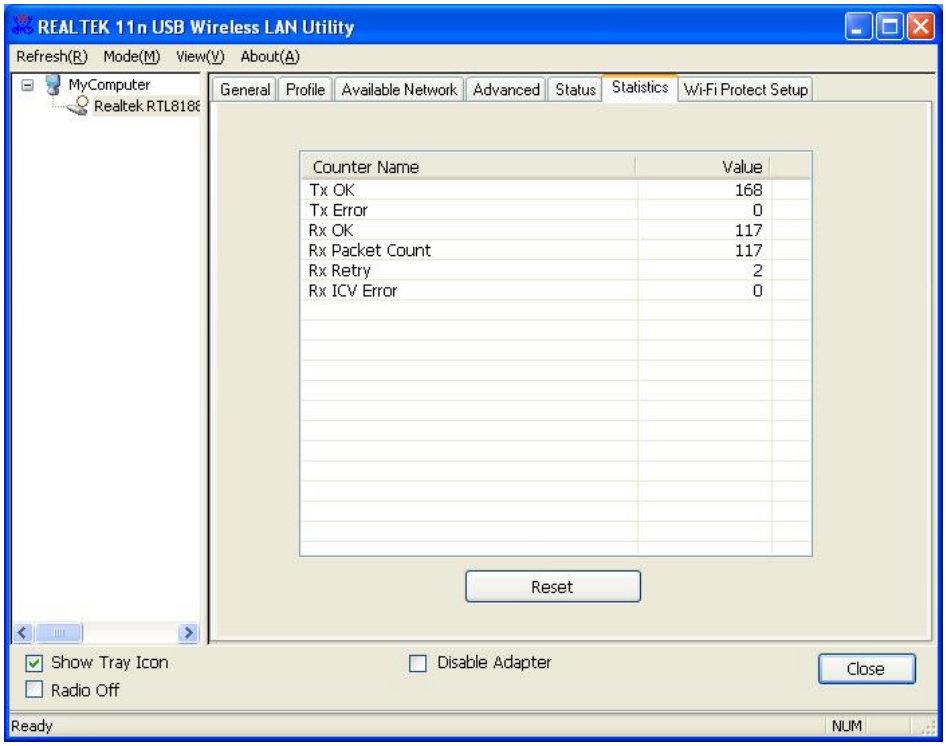
Status

This tab shows the current connection status of this adapter.



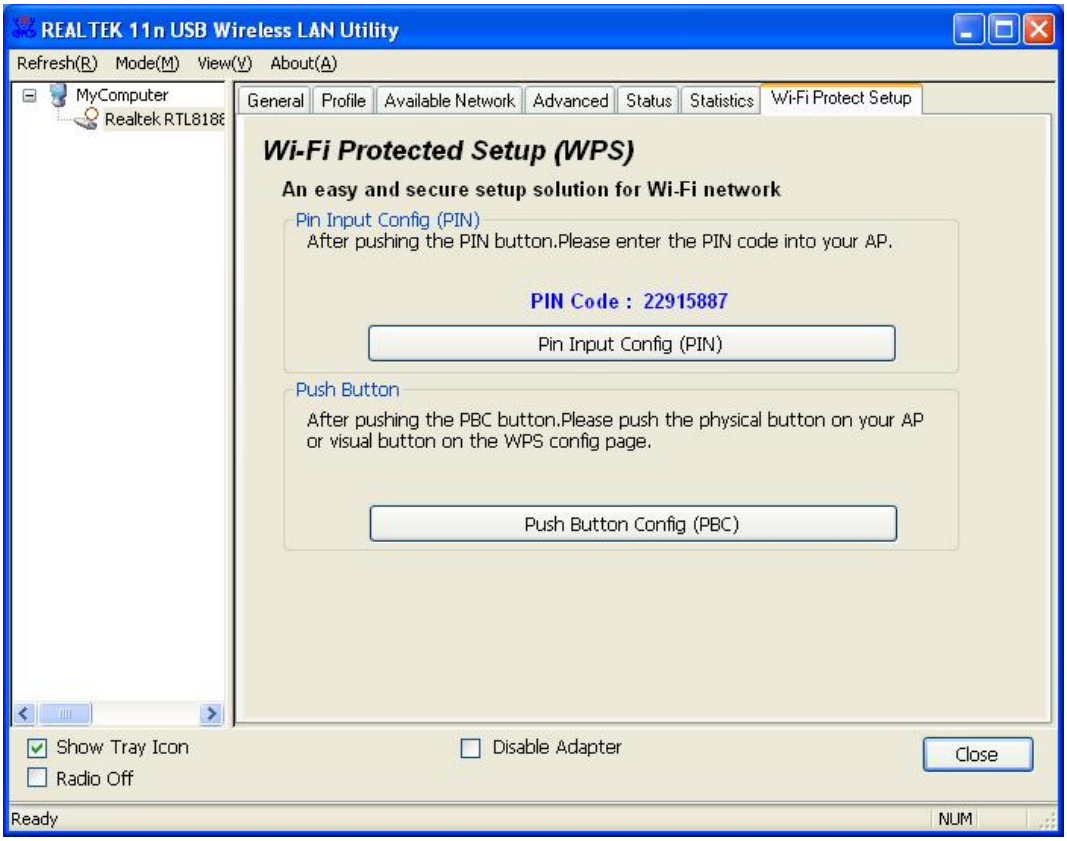
Statistics

See this tab to show the transmission activity record. Clicking the **"Reset"** button recounts the values from zero.



Wi-Fi Protect Setup

The primary goal of Wi-Fi Protected Setup (Wi-Fi Simple Configuration) is to simplify the security setup and management of Wi-Fi networks. This adapter supports the configuration setup using PIN configuration method or PBC configuration method. If the wireless card supports Wi-Fi Protected Setup (WPS), you can establish a wireless connection between wireless card and router using either Push Button Configuration (PBC) method or PIN method.



Here we will introduce two ways to configure the QSS

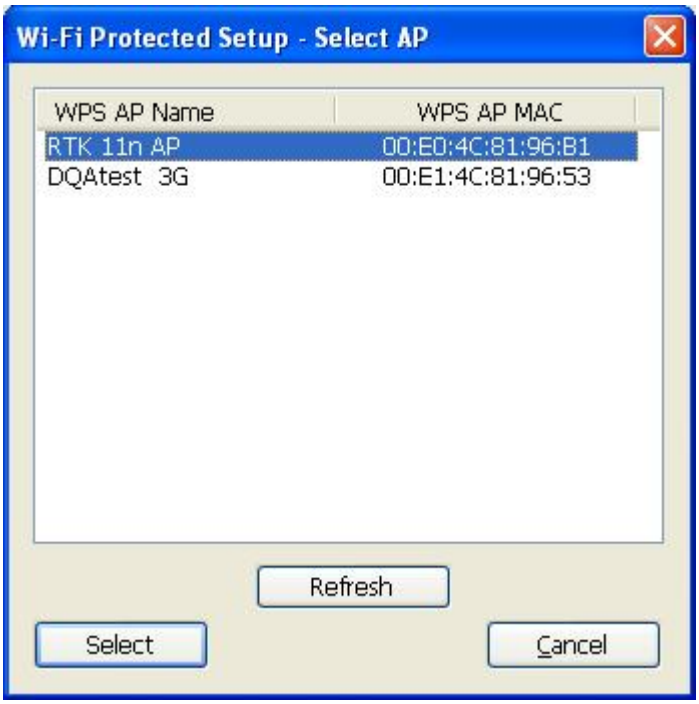
(QSS is known as rapid security settings, by pressing the wireless router and wireless card on the QSS button to automatically set up WPA2 secure connection level without the router or network adapter management software to conduct the cumbersome interface settings, greatly simplifying the operation of the wireless security settings.)

Pin Code: 8-digit numbers. It is randomly generated from system

1. PIN method

Click the button “Pin Input Config (PIN)”, and then come to the following figure.

Click the button “Yes”, you can select one of the AP.

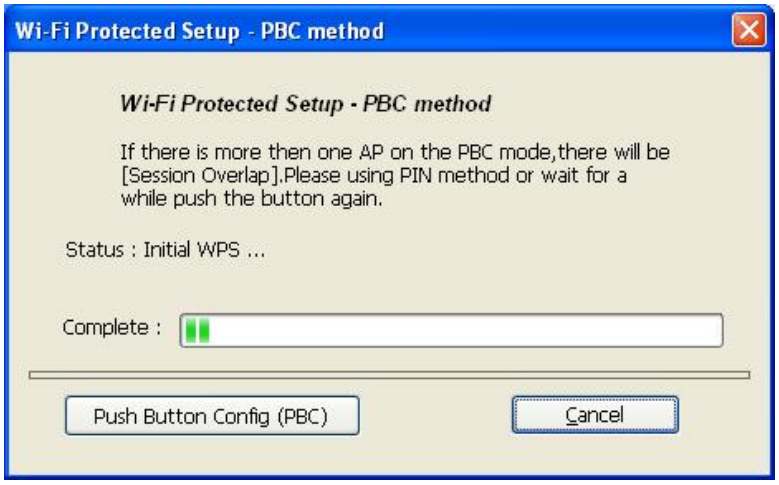


In this figure, you can operate these buttons “Refresh / Select / Cancel”. Select the name of one AP, then click “Select” button, you could use PIN method to configure the QSS.

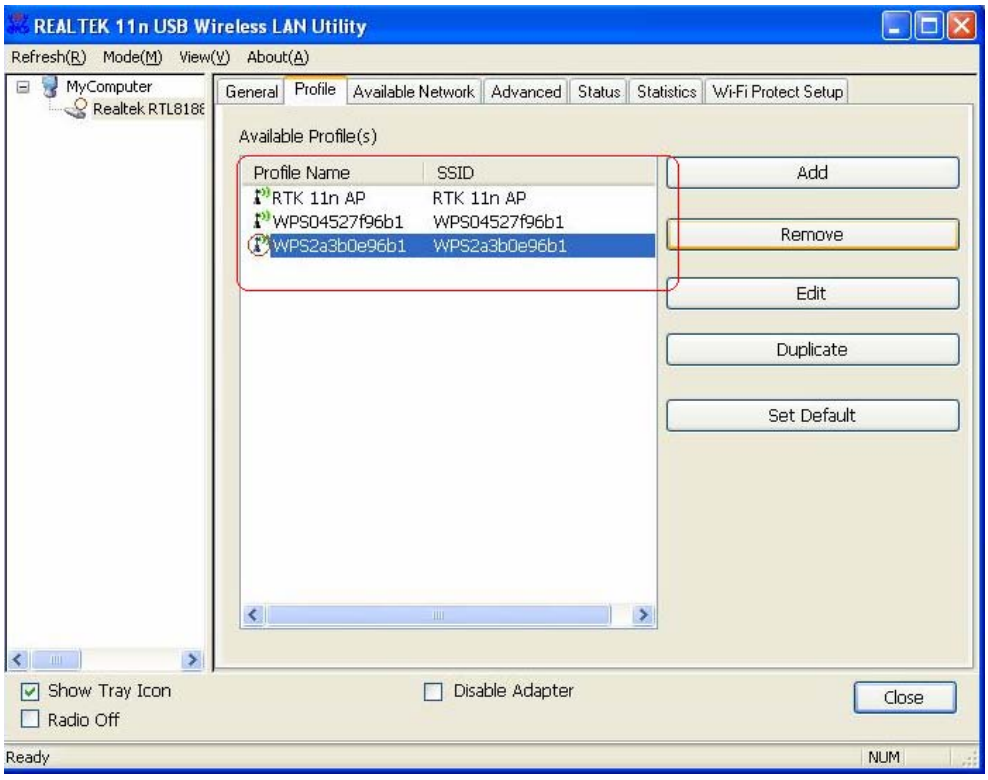
Wi-Fi Protected Setup - PIN method
Wi-Fi Protected Setup - PIN method
Please enter the following PIN code into your AP .
PIN Code : 92595736
Status : Initial WPS ...
Cancel

Double click the Internet WEB browser icon on your desktop screen. Type the IP address of you selected router/AP into the URL and press Enter, and then you can enter the configuration.
Please enter the WPS (Wi-Fi) configuration page, type the PIN code of adapter and click confirm button to build WPS connection.

2. PBC (Push Button Configuration) method
After pushing the PBC button, please push the physical button on your AP or visual button on the WPS config page, then come to the following figure.


Wi-Fi Protected Setup - PBC method
Wi-Fi Protected Setup - PBC method
If there is more then one AP on the PBC mode,there will be [Session Overlap].Please using PIN method or wait for a while push the button again.
Status : Initial WPS ...
Complete :
Push Button Config (PBC)
Cancel

Please enter the WPS (Wi-Fi) configuration page of your desired router/AP, and then start PCB connection.When WPS is configured successfully, the available profile(s) is changed.



APPENDIX

Windows Vista Driver Installation

Note: The following driver installation guide uses Windows XP as the presumed operation system. The procedures and screens in Windows 98se, 2000 and Vista are familiar with Windows XP.

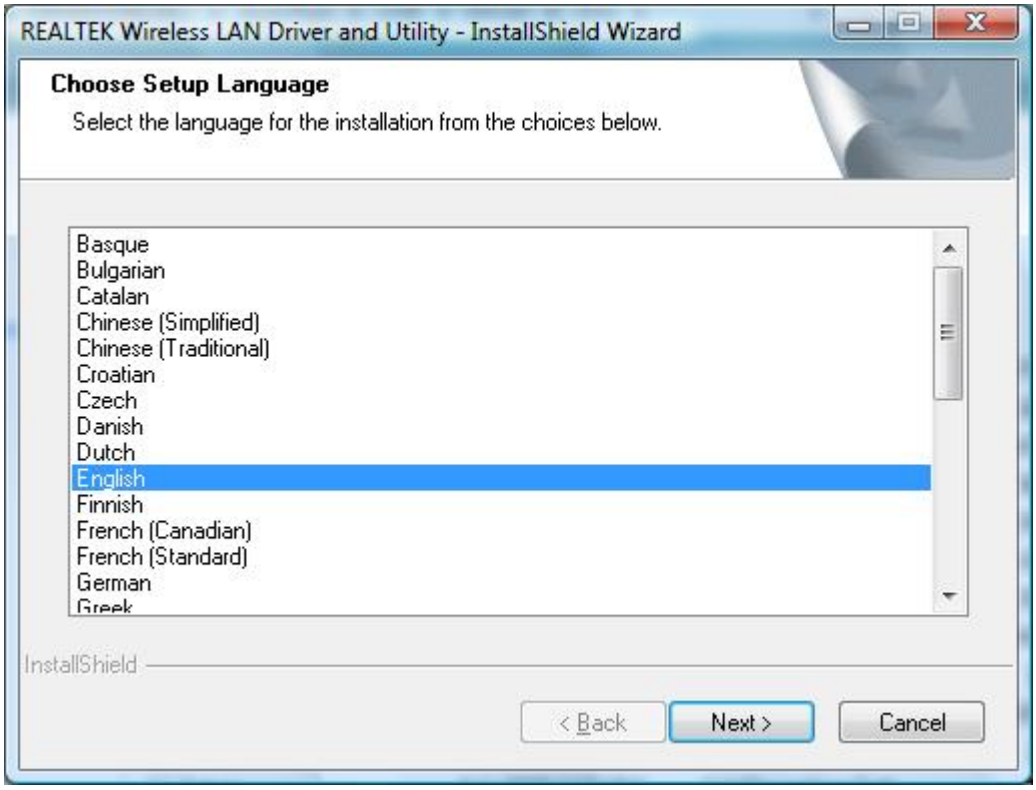
1. Unplug the power cord of your computer from outlet. Remove the cover of your computer.
2. Install the adapter into a PCI socket, PCMCIA slot or USB port.
3. The “Found New Hardware Wizard“ pops up. (**Note:** This wizard won’t pop up in Windows 98 and ME. The system finds the new hardware and installs the hardware automatically. Please skip the following steps and restart the system after installation.)
4. click **Cancel**, and run the Setup Wizard program on the CD-ROM.

Found New Hardware
Windows needs to install driver software for your RTL8188S WLAN Adapter
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

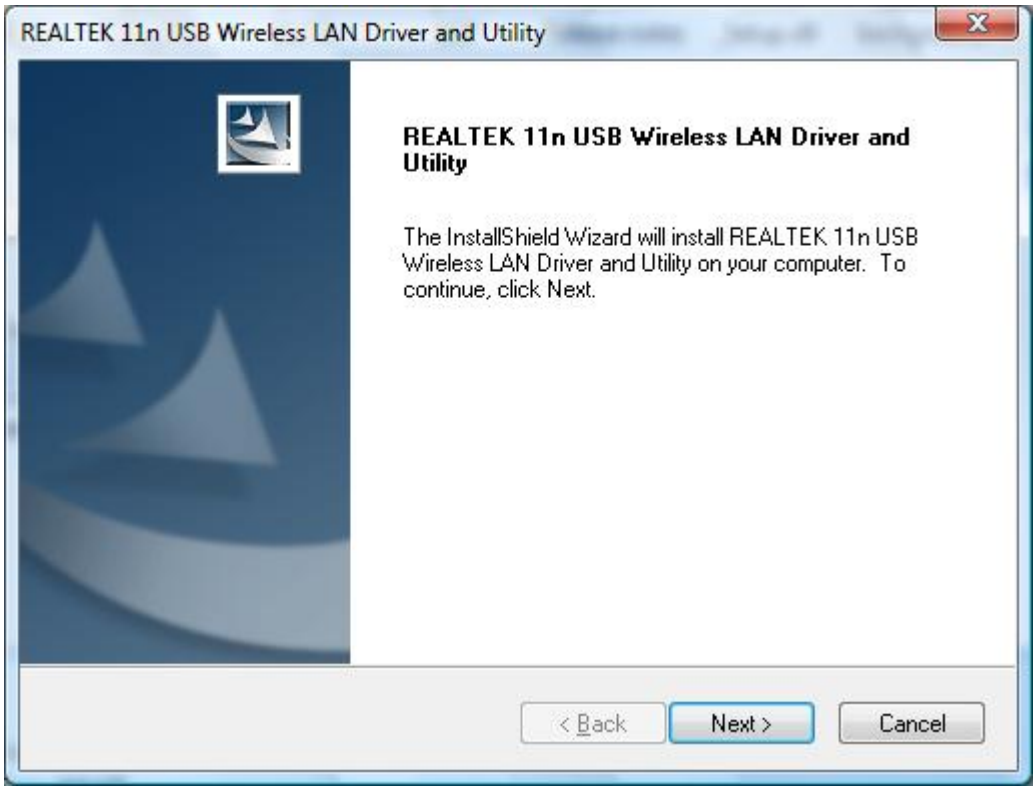
Insert the CD-Rom that came with this product to your CD-Rom drive. The menu window pops up automatically. Please click the **Driver**> **Win** button of this product.

Note: If the CD-Rom fails to auto-run, please click on "**My Computer**"→ **your CD-Rom Drive** then double-click the "**Setup"** icon to start the this menu.

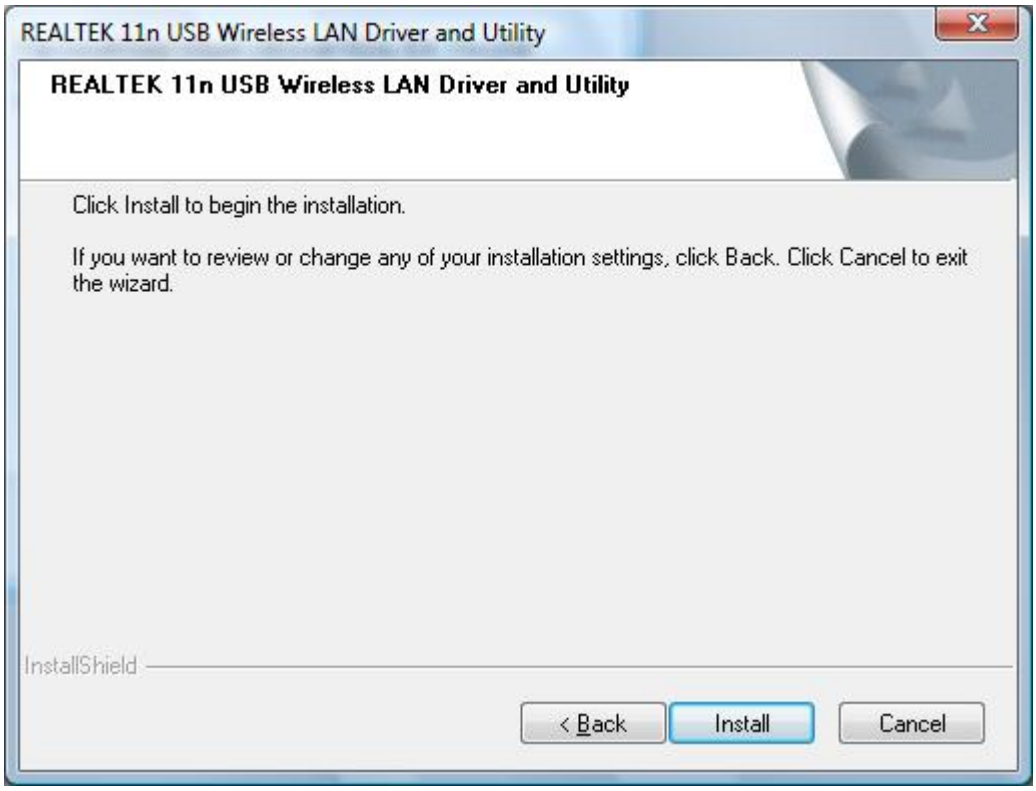
5. The language-selecting window pops up. Please select the language you use and click **OK**.



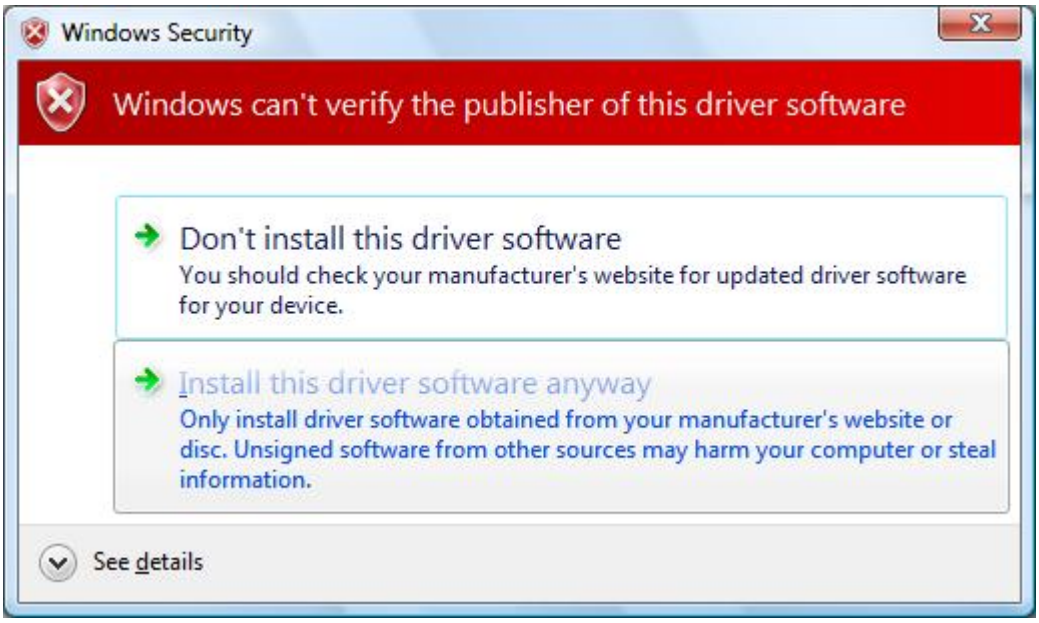
6. The welcome window pops up. Click the **"Next"** button to proceed.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

7. . Click the “Install” button to start installing.

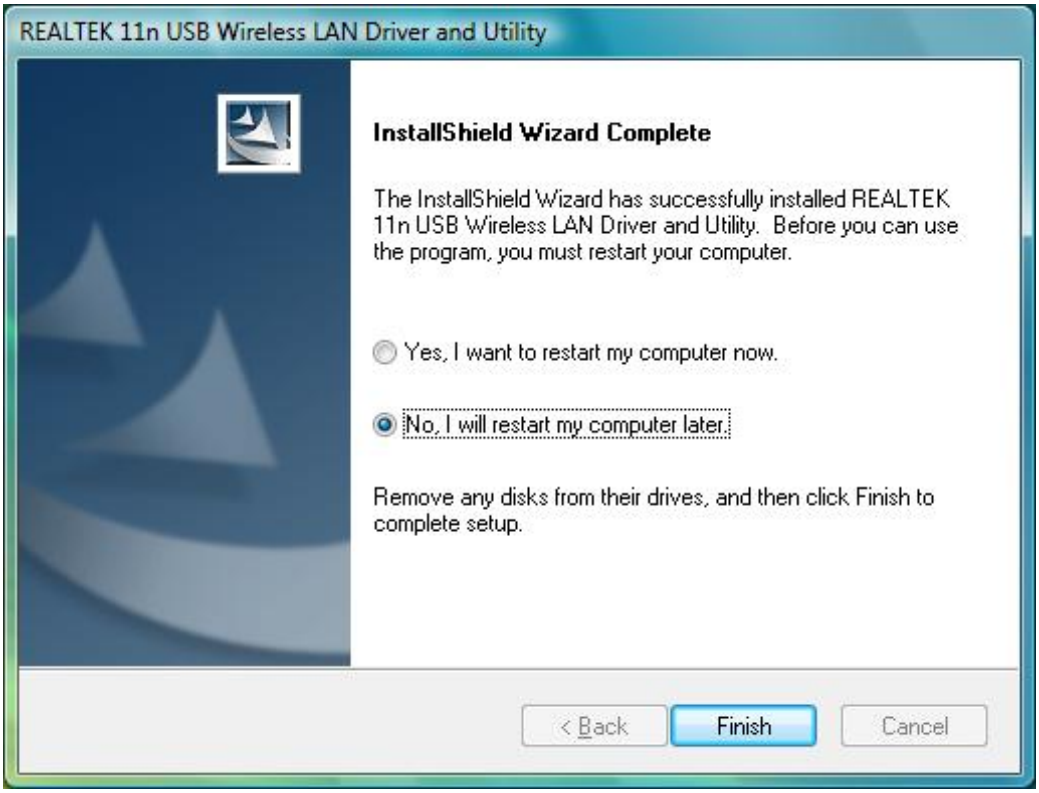

REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

8. This Windows Logo testing warning window may pop up upon installation. Please click the “**Install this driver software anyway**” to continue.


Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

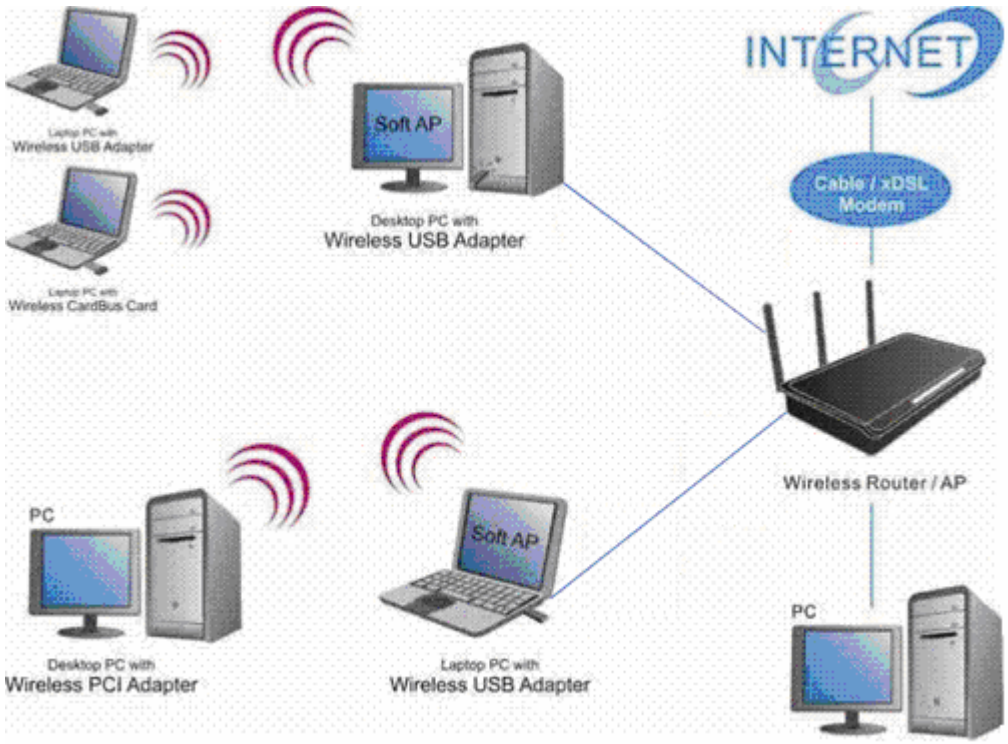
9. Please wait again while installation

10. For Windows XP and 2000 users, please shut down the computer. If you are using Windows 98se or ME, the system may ask for restarting. Please select **"No, I will restart my computer later."** and then shut the computer down. Click the **"Finish"** button to complete driver and utility installation.


REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

AP mode management guide

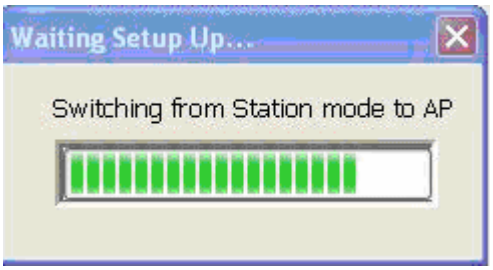
Software Access Point (Soft AP) Application:



General

To use this adapter as an access point, please click the “Mode” on **Functional menu** and select **“Access Point”**.

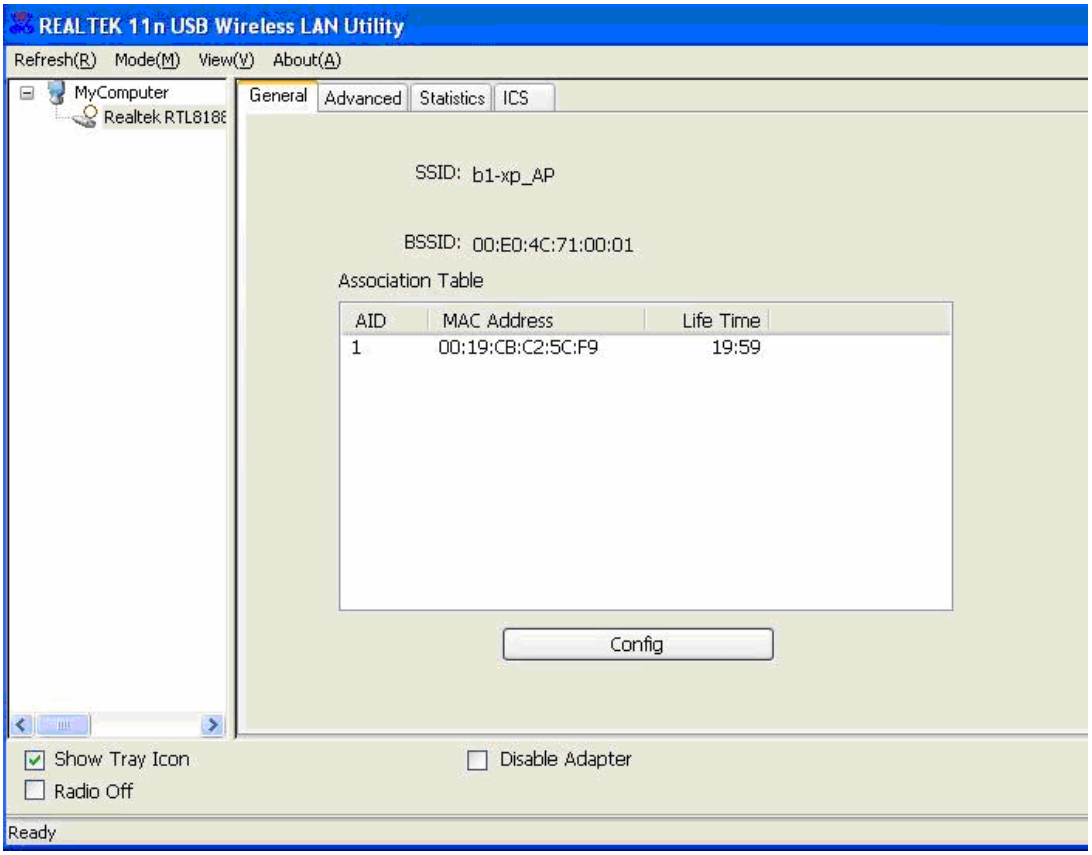
Then switch from station mode to AP:



At the same time, you will find that the icon on the system tray is changed.

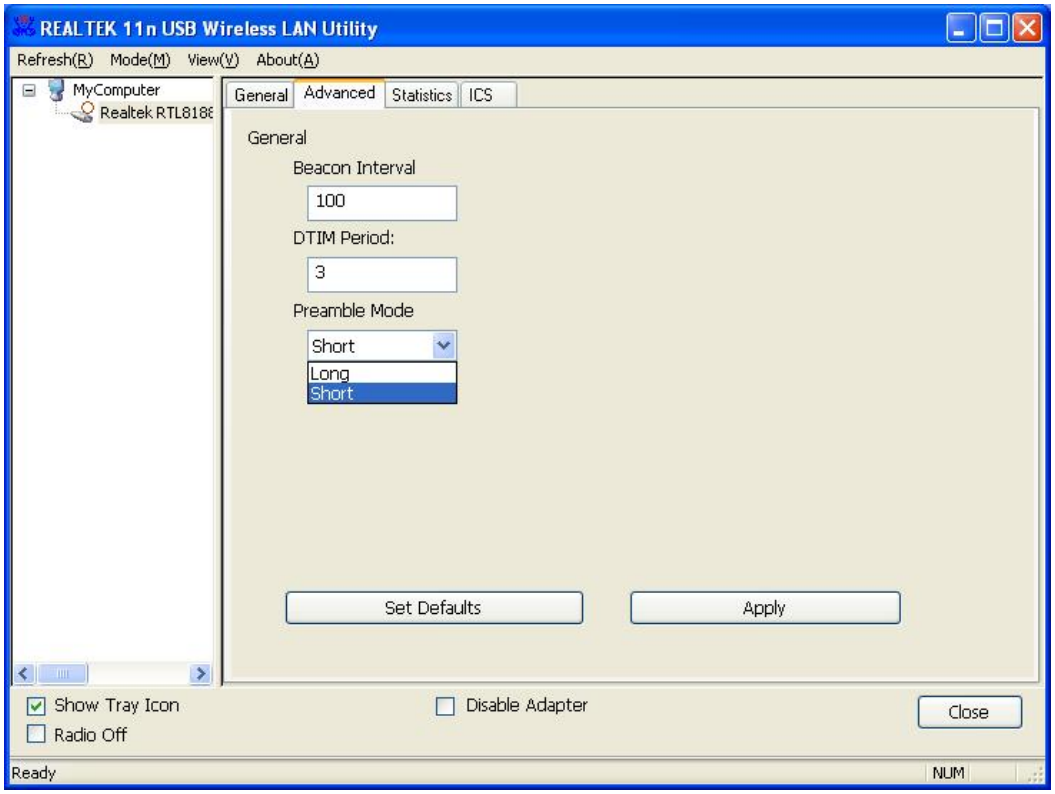
After configuring the adapter in AP mode, this "**General**" page shows up, which shows the general information of this AP.

SSID:	The SSID (network name) of the wireless network constructed by this AP.
BSSID:	The MAC address of this AP
Config:	Click this button to change configurations to this AP
Association Table:	Shows the information of those devices that associated with this AP including their MAC addresses and the time that they connected with this device.



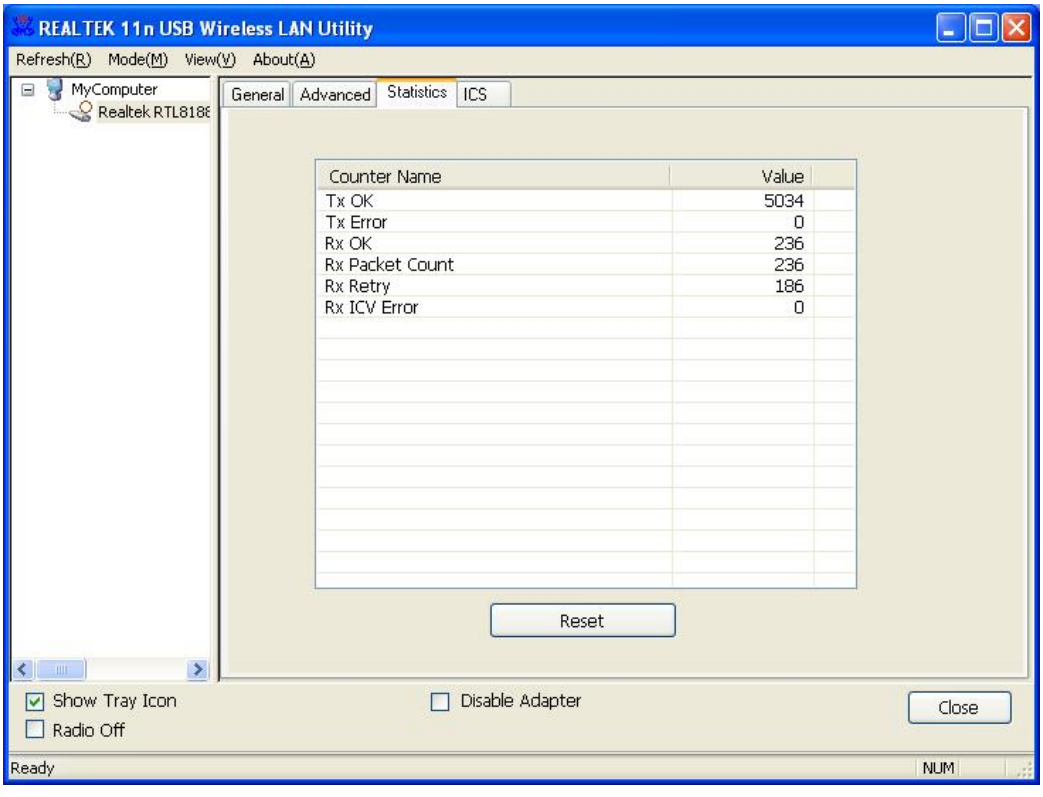
Advanced

Beacon Interval:	Define the interval between beacons from 20~1000
DTIM Period:	Set the DTIM period between 1~255
Preamble Mode:	Click the drop list to select the preamble to be long, short or auto
Set Defaults:	Click this button to restore the settings above to default
Apply:	Click this button to execute changes.



Statistics

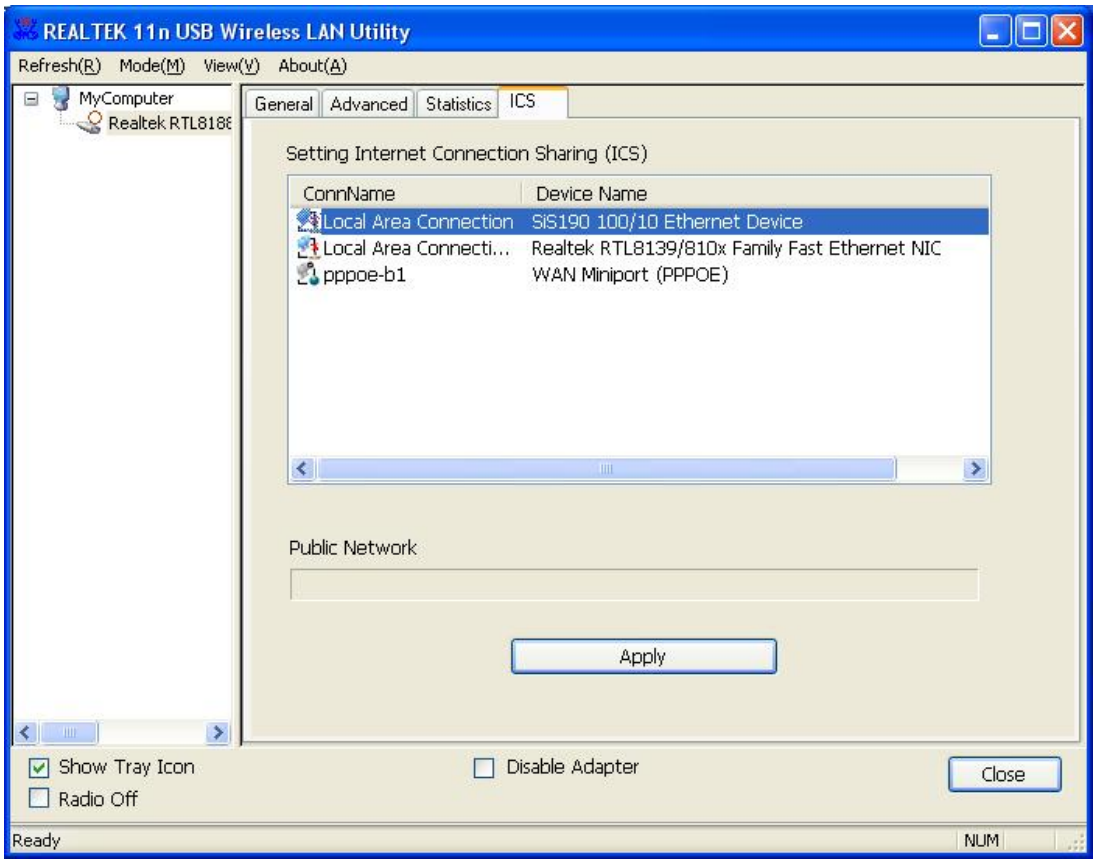
See this tab to show the transmission activity record. Clicking the **"Reset"** button recounts the values from zero.



ICS

This page allows users to select the adapter for connect to public network.

Please click on the device that are used for connecting to public network, and then click the “Apply” button to execute.



PRODUCT SPECIFICATION

Standard
IEEE 802.11n draft 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u
Interface
Complies with USB 2.0
Security
64/128-bit WEP, WPA (TKIP with IEEE 802.1x), AES
Receiver Sensitivity
802.11n Typical -68 dBm 802.11g Typical -73 dBm 802.11b Typical -84 dBm
Data Rate
802.11b: 1, 2, 5.5 and 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps 802.11n: up to 150 Mbps
Transmit Power
16 dBm typically @ 802.11b 14 dBm typically @ 802.11g 13 dBm typically @ 802.11n
LED indicator
Link(Green)
Operating Temperature
0- 40 ^{0}C (32 – 104 ^{0}C)
Operating Humidity
10% ~ 90% (non-condensing)
Emission
FCC Class B, CE, VCCI Class B

Benutzer Handbuch

IEEE 802.11n Draft 2.0 Wireless
USB Adapter

FCC Zertifizierungen

FCC (Federal Communication Commission) Störungsmitteilung

Dieses Gerät ist getestet worden und, gemäß Teil 15 der FCC Vorschriften, als den Beschränkungen eines digitalen Gerätes der Klasse B befunden worden. Diese Einschränkungen sind dazu bestimmt, angemessenen Schutz gegen schädliche Störungen bei der Benutzung im Wohnbereich zu bieten. Dieses Gerät generiert und benutzt Funkfrequenzenergie, kann sie abstrahlen, und kann, falls es nicht gemäß der Anleitung installiert und benutzt wird, schädliche Störungen bei Funkkommunikationen bewirken. Es gibt jedoch keine Garantie dafür, dass keine Störungen bei speziellen Installationen auftreten. Falls dieses Gerät schädliche Störungen beim Radio oder Fernseh Empfang verursacht, die durch das Ein- und Ausschalten des Gerätes beendet werden können, kann der Benutzer versuchen, die Störungen mit Hilfe einer oder mehr der folgenden Maßnahmen zu korrigieren:

-Neuausrichtung oder Neulokalisierung der Empfangsantenne.
-Vergrößerung des Abstandes zwischen Gerät und Empfänger.
-Verbindung des Geräts mit einer Steckdose, die an einen anderen Stromkreis angeschlossen ist als die Steckdose, mit der der Empfänger verbunden ist.
-Bitten Sie den Händler oder einen erfahrenen Radio- oder Fernsehtechniker um Hilfe.

Dieses Gerät entspricht Teil 15 der FCC Vorschriften. Das Funktionieren ist abhängig von den zwei folgenden Bedingungen: (1) Dieses Gerät darf keine schädlichen Störungen verursachen, und (2) dieses Gerät muss jede empfangene Störung akzeptieren, einschließlich der Störungen, die unerwünschtes Funktionieren bewirken.

FCC Vorsicht: Bitte beachten Sie, dass Veränderungen oder Modifizierungen, die nicht ausdrücklich genehmigt sind durch diejenigen, die für die Einhaltung verantwortlich sind, Ihre Erlaubnis zur Benutzung des Gerätes ungültig werden lassen können.

Wichtige Anmerkung:
FCC Erklärung zur Strahlungsaussetzung

Dieses Gerät entspricht den FCC Strahlungsaussetzungsbeschränkungen, die für eine unkontrollierte Umgebung herausgegeben worden sind. Dieses Gerät sollte mit einem Mindestabstand von 20 cm zu Ihrem Körper installiert und bedient werden.

Dieser Sender darf nicht zusammen mit einer anderen Antenne oder einem anderen Sender lokalisiert oder betrieben werden.

CE-Hinweis

Dieses Gerät erfüllt die Anforderungen an die elektromagnetische Verträglichkeit gemäß EN 55022 Klasse B für ITE sowie die wesentlichen Anforderungen der Direktive des Europarats 2004/108/EC über die Annäherung der Gesetze der Mitgliedsstaaten im Hinblick auf die elektromagnetische Verträglichkeit.

Da das Unternehmen seine Produkte permanent verbessert, kann es möglich sein, dass die in diesem Dokument enthaltenen Informationen nicht aktuell sind. Die aktuellsten Informationen erhalten Sie bei Ihrem lokalen Vertriebshändler. Kein Teil dieses Dokuments darf ohne die schriftliche Zustimmung des Unternehmens kopiert oder vervielfältigt werden.

Warenzeichen:

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ÜBERSICHT

Danke, dass Sie sich für dieses Produkt entschieden haben. Lesen Sie dieses Kapitel, um sich mit Ihrem IEEE 802.11n Wireless Adapter vertraut zu machen.

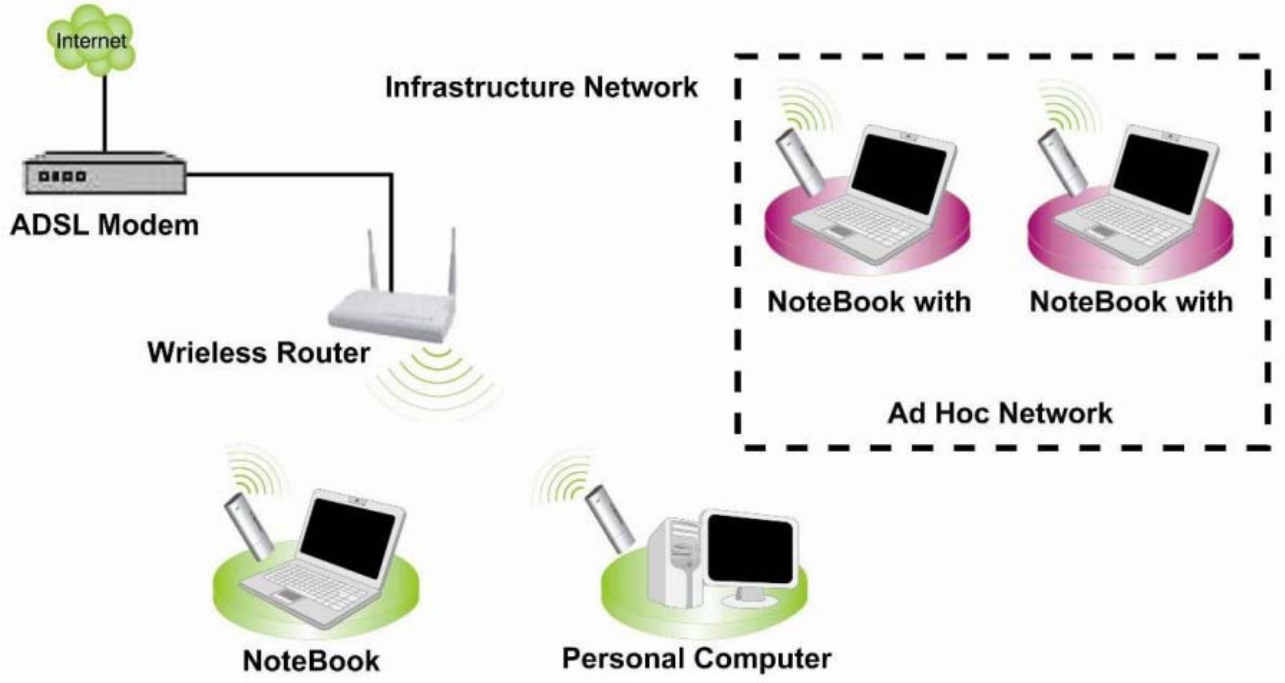
Auspacken

Prüfen Sie bitte zunächst, ob die Verpackung die folgenden Artikel enthält:

1. IEEE 802.11n Wireless Adapter
2. Eine Dienstprogramm- /Handbuch-CD

Einführung in den IEEE 802.11n Wireless Adapter

Der IEEE 802.11n Wireless Adapter ermöglicht Ihnen die Einrichtung eines IEEE 802.11g Funknetzwerks mit 150 Mbps und einer Frequenz von 2,4 GHz, das ebenfalls mit IEEE 802.11b/g Wireless-Geräten. Sie können den Adapter im Ad-hoc-Modus konfigurieren, um einen Internetzugang über einen Wireless AP (Access Point / Zugangspunkt) oder einen Router herzustellen. Der Adapter umfasst ein komfortables Dienstprogramm für die Suche nach verfügbaren Netzwerken und das Speichern von bevorzugten Netzwerken, mit denen Benutzer sich üblicherweise verbinden. Die Sicherheitsverschlüsselung kann ebenfalls mit diesem Dienstprogramm konfiguriert werden.



Haupteigenschaften

- Entspricht dem IEEE 802.11n/b/g Funk-Standard
- Hohe Datenübertragungsgeschwindigkeit von bis zu 150 Mbps
- Unterstützt QoS: WMM, WMM-PSClient mode
- Unterstützt Paketbündelung, Stromsparfunktion,
- Unterstützt Auto-Installation und Diagnose-Tools
- Unterstützt Funk-Datenverschlüsselung 64/128-bit WEP, WPA (TKIP mit IEEE 802,1x) und AES-Funktionen

INSTALLATIONSANLEITUNG

Installation

Hinweis: Die folgende Installationsanleitung für Treiber bezieht sich auf Windows XP als Referenz-Betriebssystem. Die Verfahren und Bildschirmanzeigen von Windows 98se und 2000 sind ähnlich wie bei Windows XP.

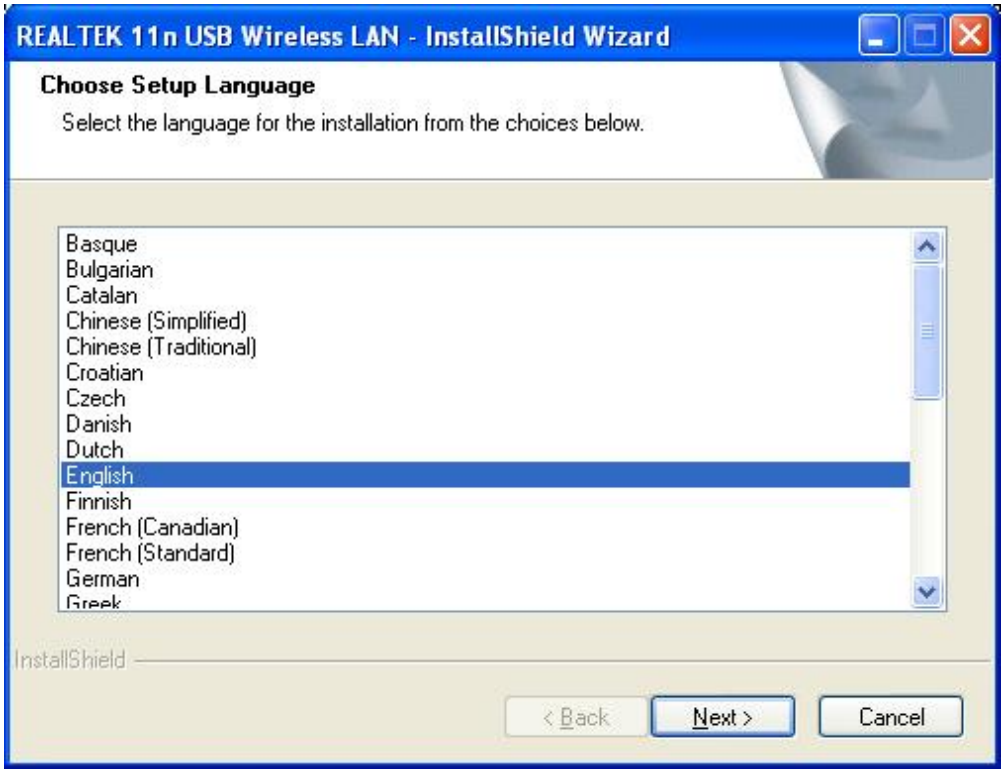
1. Ziehen Sie das Stromkabel Ihres Computers aus der Steckdose. Öffnen Sie das Gehäuse Ihres Computers.
2. Stecken Sie den Adapter in einen PCI-Sockel, PCMCIA-Steckplatz oder USB-Port.
3. Der „Hardware-Installationsassistent“ wird eingeblendet (**Hinweis:** Der Installationsassistent wird unter Windows 98 und ME nicht angezeigt. Das System findet und installiert die Hardware automatisch. Bitte überspringen Sie die folgenden Schritte und starten Sie den Computer nach der Installation neu.).
4. klicken Sie auf **Cancel** (Weiter).

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

Legen Sie die enthaltene CD-Rom in Ihr CD-Rom-Laufwerk ein. Das Menüfenster erscheint automatisch. Klicken Sie auf den **Driver-WIN**-Button (Treiber) dieses Produkts.

Hinweis: Wenn die CD-Rom nicht automatisch startet, klicken Sie bitte auf **Arbeitsplatz** → **CD-Rom-Laufwerk** und anschließend doppelt auf das **Setup**- Symbol in diesem Menü.

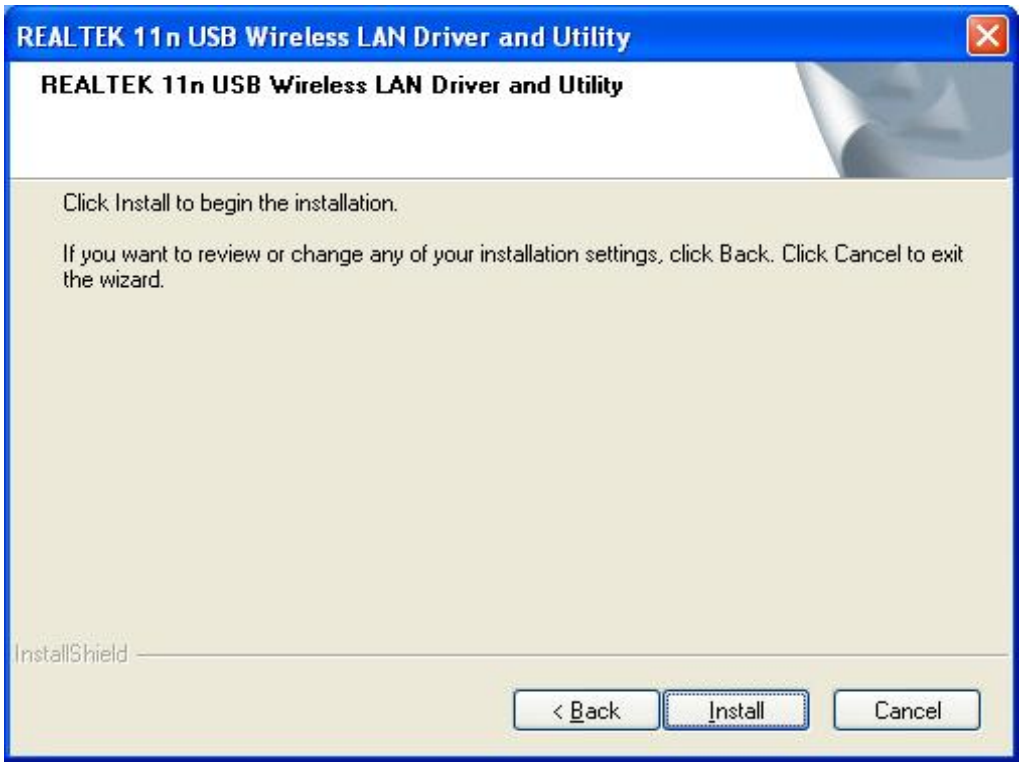
1. Das Sprachauswahlfenster erscheint. Wählen Sie Ihre Sprache und klicken Sie auf **Next**.



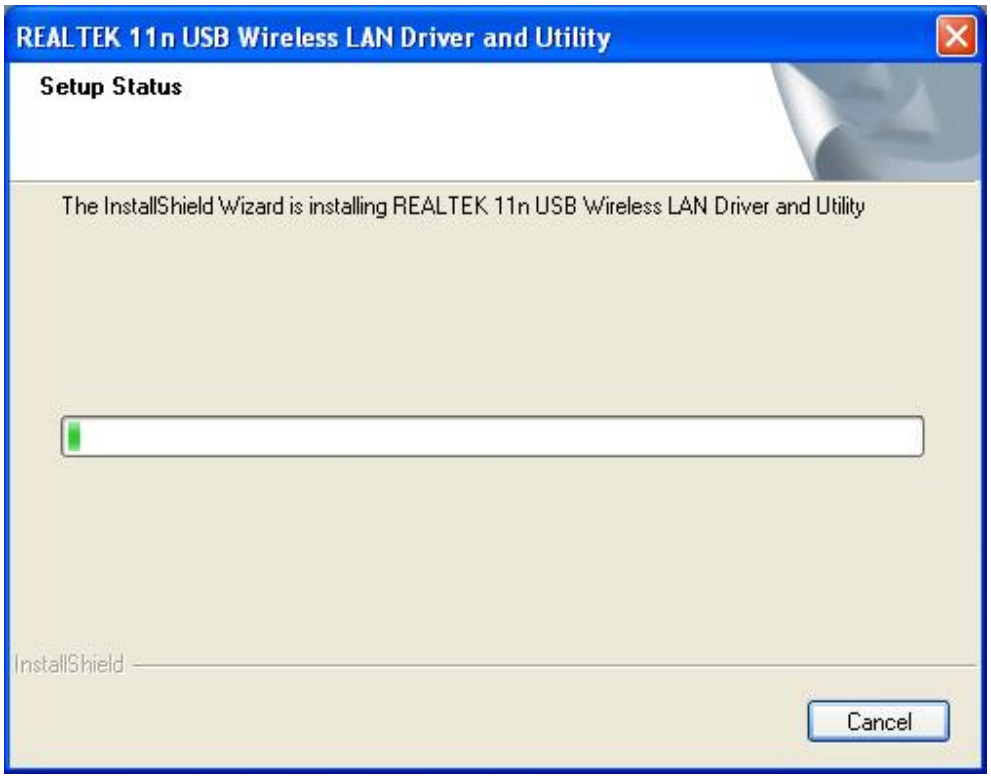
2. Das Begrüßungsfenster erscheint. Klicken Sie auf **Next** (Weiter), um fortzufahren.

REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

3. Klicken Sie auf die Schaltfläche "Install", um den Installationsvorgang


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

4. Bitte warten Sie, während die Software installiert wird.


REALTEK 11n USB Wireless LAN Driver and Utility
Setup Status
The InstallShield Wizard is installing REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield
Cancel

5. Während der Installation kann dieses Windows-Warnfenster eingeblendet werden. Klicken Sie bitte auf **Continue Anyway** (Trotzdem fortfahren), um fortzufahren.

Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Hardware Installation
The software you are installing for this hardware:
Realtek RTL8188SU Wireless LAN 802.11n USB 2.0 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

6. Bitte warten Sie während des Installationsvorgangs.

7. Bei Windows XP und 2000 Nutzern: Bitte fahren sie Ihren Computer runter. Wenn Sie Windows 98se oder ME nutzen, kann das System einen Neustart fordern. Bitte wählen Sie “Nein, ich starte meinen Computer später neu.” Und fahren Sie den Computer runter. Drücken Sie “Beenden”, um die Komplettinstallation fortzuführen.

REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

MANAGEMENT-ANLEITUNG

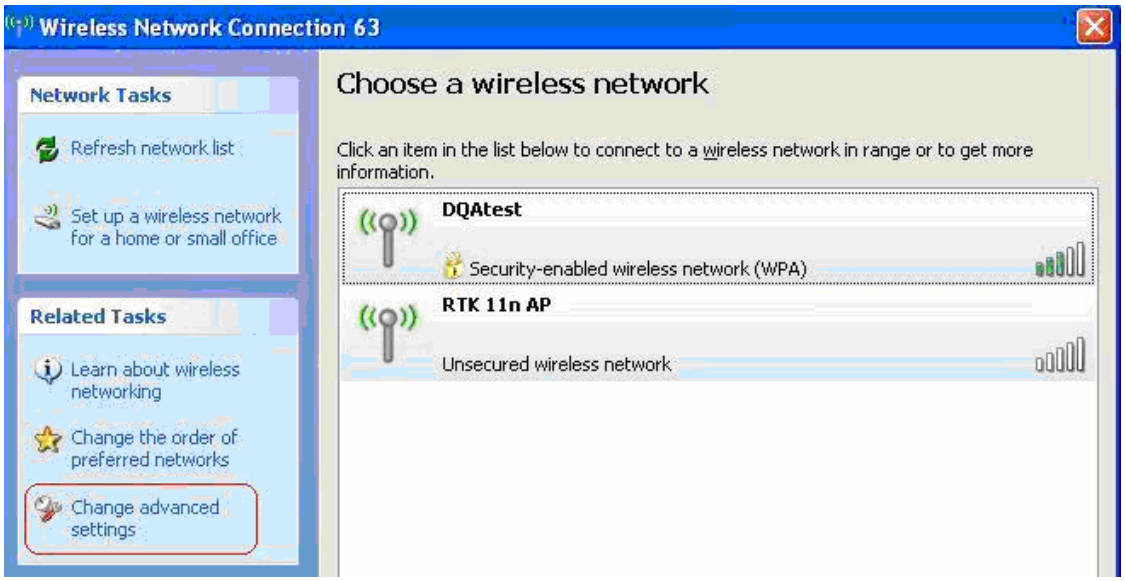
Lesen Sie dieses Kapitel, um die Management-Benutzeroberfläche des Geräts kennenzulernen und sich mit dessen Steuerung vertraut zu machen.

Standard-Netzwerkverbindung herstellen

Verbindung mit dem Microsoft Zero Configuration tool

Nachdem Sie das Microsoft Zero Configuration tool für die Konfiguration Ihres wireless Netzwerkes auswählen, klicken Sie auf das Symbol im Infobereich der Taskleiste. Wählen Sie “View Available Wireless Networks” aus, um Ihr gewünschtes wireless Netzwerk auszuwählen.

Das tool zeigt die verfügbaren wireless Netze. Wählen Sie das Netz, mit dem Sie verbunden werden möchten. Um mit einem wireless Netzwerk verbunden werden zu können, klicken Sie auf Change advanced settings, Ihre Einstellungen sind jetzt kompatibel zueinander.


Wireless Network Connection 63
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
DQAtest
Security-enabled wireless network (WPA)
RTK 11n AP
Unsecured wireless network

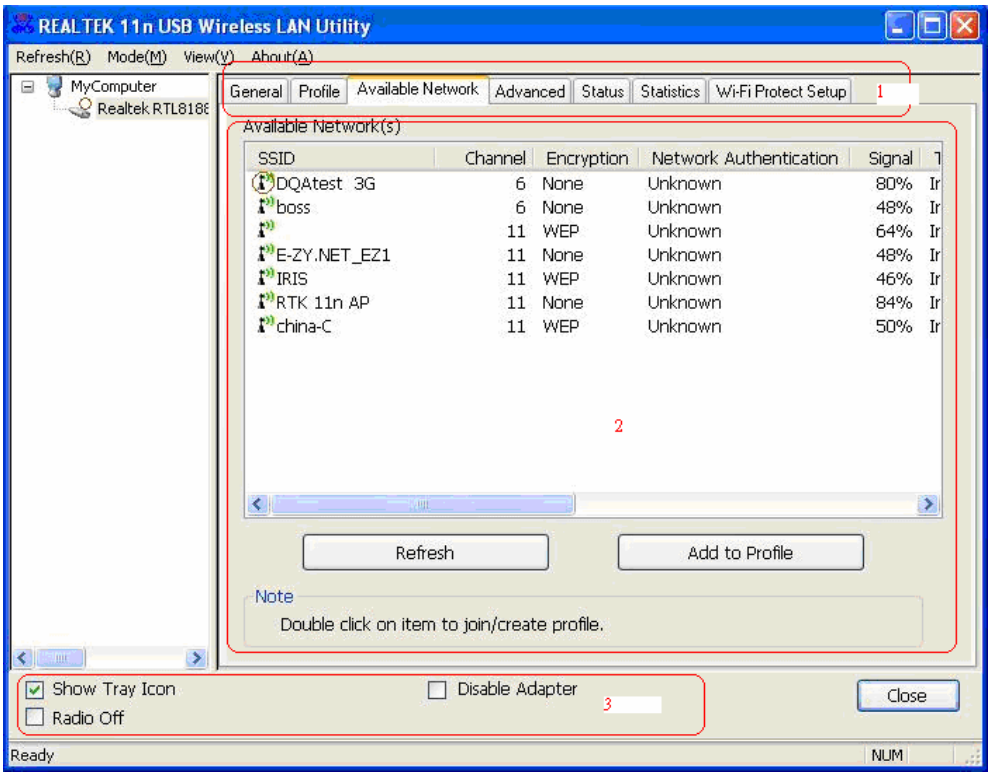
Verbindung mit dem 802.11n Wireless LAN Utility

Wir bieten dieses Utility für Nutzer, die Ihr Netzwerk möglichst einfach herstellen möchten. Das Utility startet automatisch, wenn Sie den Computer hochfahren, und baut automatisch eine Verbindung zu einem wireless Netzwerk mit der besten Signalstärke auf, das über keine Sicherheitseinstellungen verfügt.

Klicken Sie auf dieses Symbol im Infobereich der Taskleiste und öffnen Sie Open Config utility, wenn das Utility nicht automatisch startet. Bitte lesen Sie sich die folgenden Kapitel durch, um Informationen über die Funktion dieses Utility zu bekommen.

Start des Wireless LAN-Dienstprogramms

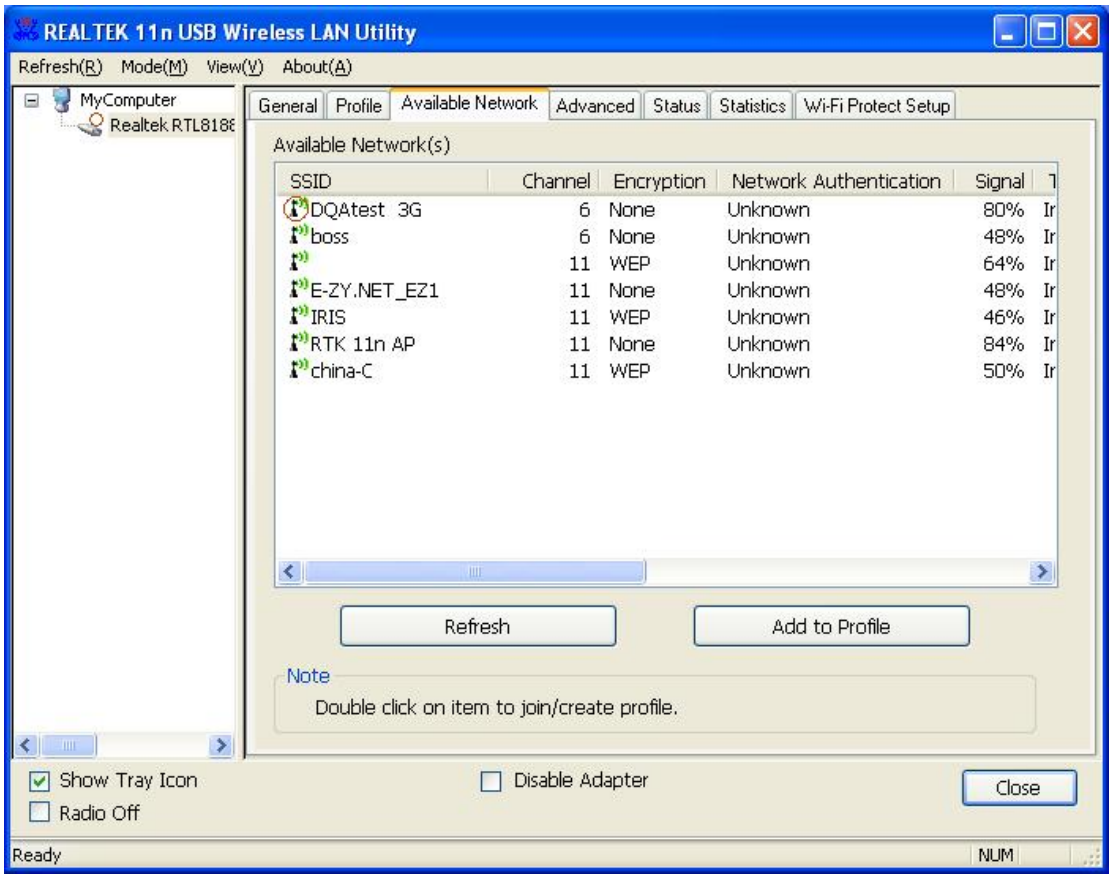
Klicken Sie doppelt auf das Symbol auf Ihrem Desktop. Das Wireless LAN-Programm wird geöffnet.



Show Tray Icon (Ablagesymbol zeigen)	Markieren Sie dieses Kontrollkästchen, um das Symbol des Dienstprogramms in Ihrer Systemanlage anzuzeigen, d.h. dem Anzeigebereich in der unteren rechten Ecke Ihres Windows Desktops (System-Tray). Um das Dienstprogramm-Symbol aus dem System-Tray zu löschen, entfernen Sie einfach das Häkchen in diesem Kontrollkästchen.
Radio Off (Funk aus)	Markieren Sie dieses Kontrollkästchen, um zu verhindern, dass dieser Adapter Signale überträgt oder empfängt. Entfernen Sie das Häkchen, um die Kommunikation zu ermöglichen.
Disable Adapter (Adapter deaktivieren)	Markieren Sie dieses Kontrollkästchen, um den Wireless-Adapter zu deaktivieren. Entfernen Sie das Häkchen, um ihn wieder zu aktivieren.

Verwendung dieses Adapters im Station-Modus

1. Klicken Sie doppelt auf das Symbol auf Ihrem Desktop.
2. Klicken Sie auf den **Available Network**-Button (Verfügbares Netzwerk), um nach verfügbaren Netzwerk-Adaptern zu suchen. Klicken Sie doppelt auf den Netzwerk-Adapter, zu dem Sie eine Verbindung herstellen möchten.

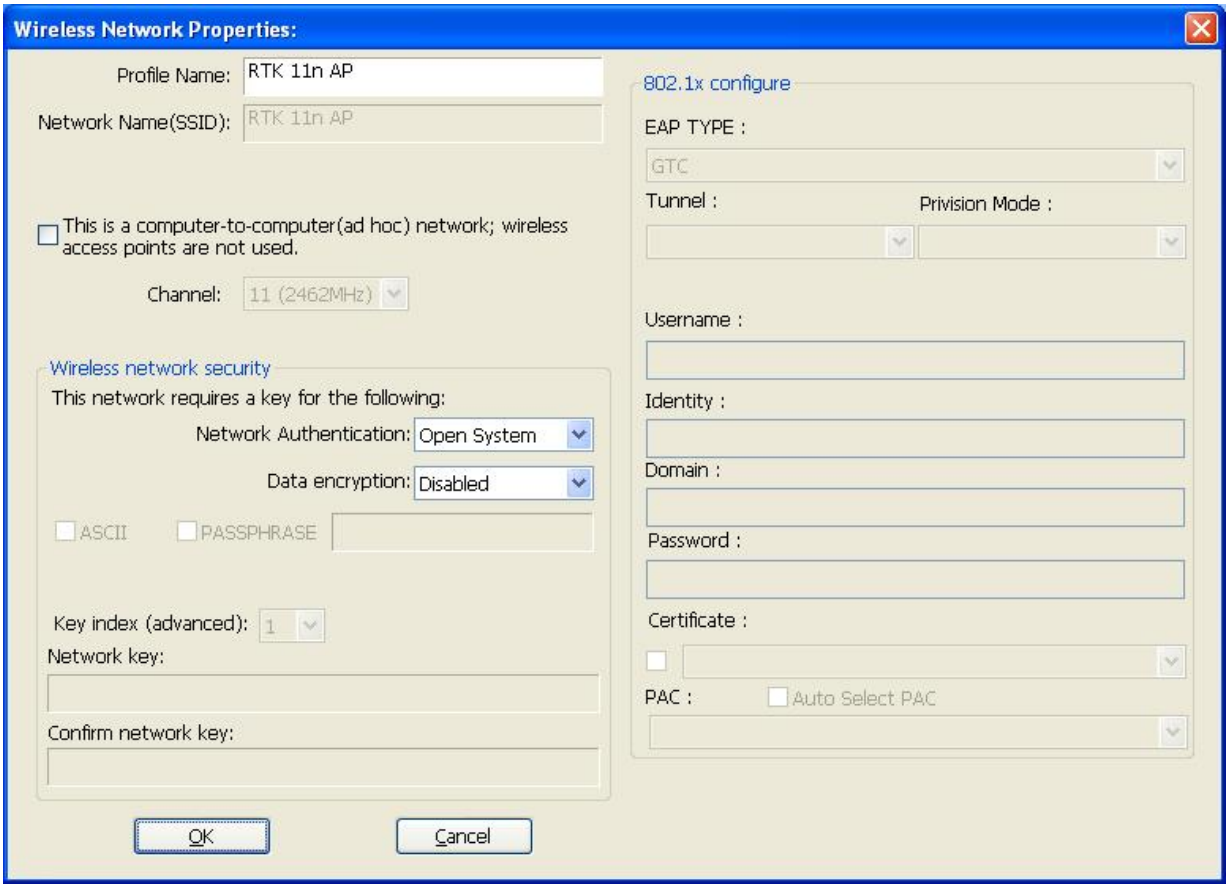


3. Klicken Sie auf **OK**, um zu bestätigen, dass Sie eine Verbindung zu einem offenen Funknetzwerk herstellen möchten.

Unsecured network
You are connecting to the unsecured network " RTK 11n AP ".
Information sent over this network is not encrypted and might be visible to other people.
OK
Cancel

4. Klicken Sie auf **OK**, um dieses Netzwerk zur Profilliste hinzuzufügen.

Hinweis: Dieses Beispiel bezieht sich auf ein offenes Funknetzwerk. Wenn Sie eine Verbindung zu einem Wireless-Adapter mit Sicherheitsschutz herstellen, müssen Sie die Verschlüsselungseinstellungen in diesem Profil entsprechend dem anderen Wireless-Adapter konfigurieren. Klicken Sie bitte auf die Dropdown-Liste **Network Authentication** (Netzwerk-Authentifizierung), um eine Authentifizierungsmethode auszuwählen. Wählen Sie unter **Data encryption** die Datenverschlüsselungsart. Füllen Sie alle erforderlichen Felder aus und klicken Sie auf **OK**.

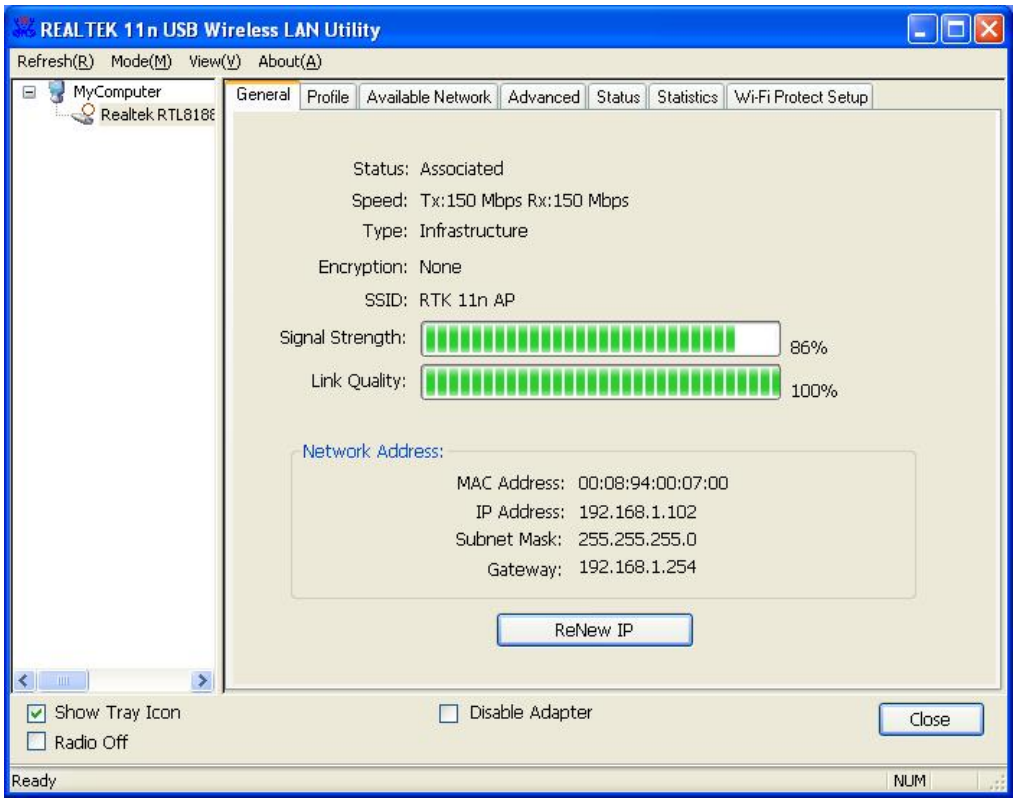


Einführung in das Wireless LAN-Dienstprogramm

Hinweise: Diese Anleitung bezieht sich auf Windows XP als Referenz-Betriebssystem. Einige der Funktionen werden von Windows 98se oder Windows ME nicht unterstützt.

Allgemein (General)

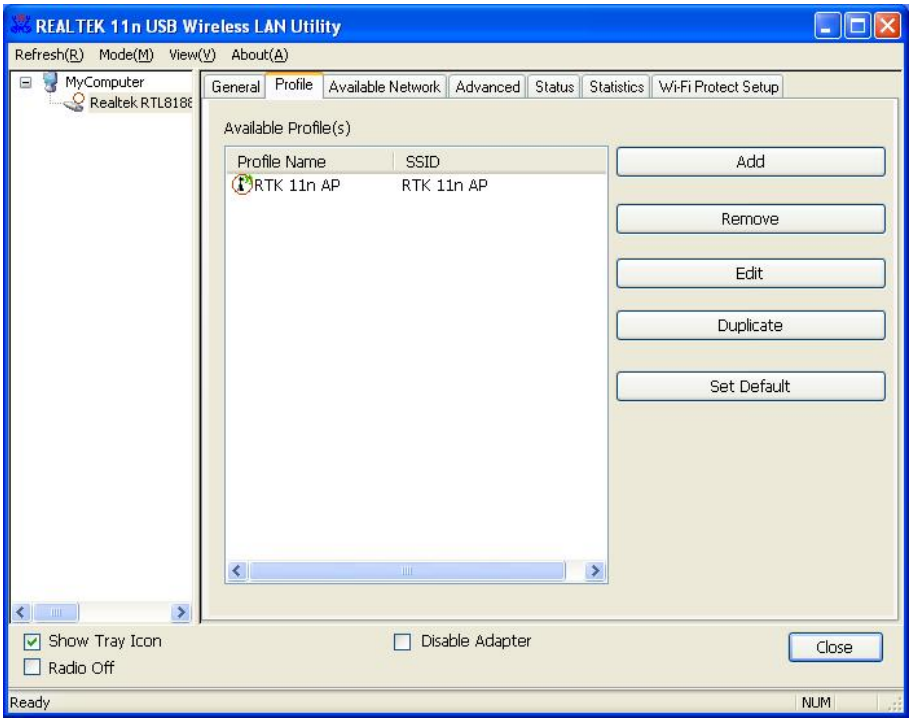
Nach dem Start des Dienstprogramms wird das allgemeine Menü angezeigt. Der Reiter General (Allgemein) bietet Informationen über Ihre aktuelle Funknetzwerk-Verbindung. Sie können die Angaben aktualisieren, indem Sie auf Renew (Aktualisieren) klicken.



Status:	Prüft, ob das Gerät mit dem Zielnetzwerk verbunden ist.
Speed (Geschwindigkeit):	Die aktuelle Verbindungsgeschwindigkeit
Type (Typ):	Infrastruktur-Modus oder Ad-hoc-Modus
Encryption (Verschlüsselung):	Die verwendete Verschlüsselungsart für die Verbindung mit dem aktuellen Netzwerkprofil
SSID:	Der SSID (Netzwerkname) des verbundenen Funknetzwerks
Signal Strength (Signalstärke):	Zeigt die von diesem Adapter erkannte Signalstärke an.
Link Quality (Verbindungsqualität):	Zeigt die Qualität dieser Funkverbindung an.
Network Address (Netzwerkadresse):	Zeigt die aktuellen Einstellungen der IP-Adressen für diesen Adapter an.

Profile (Profil)

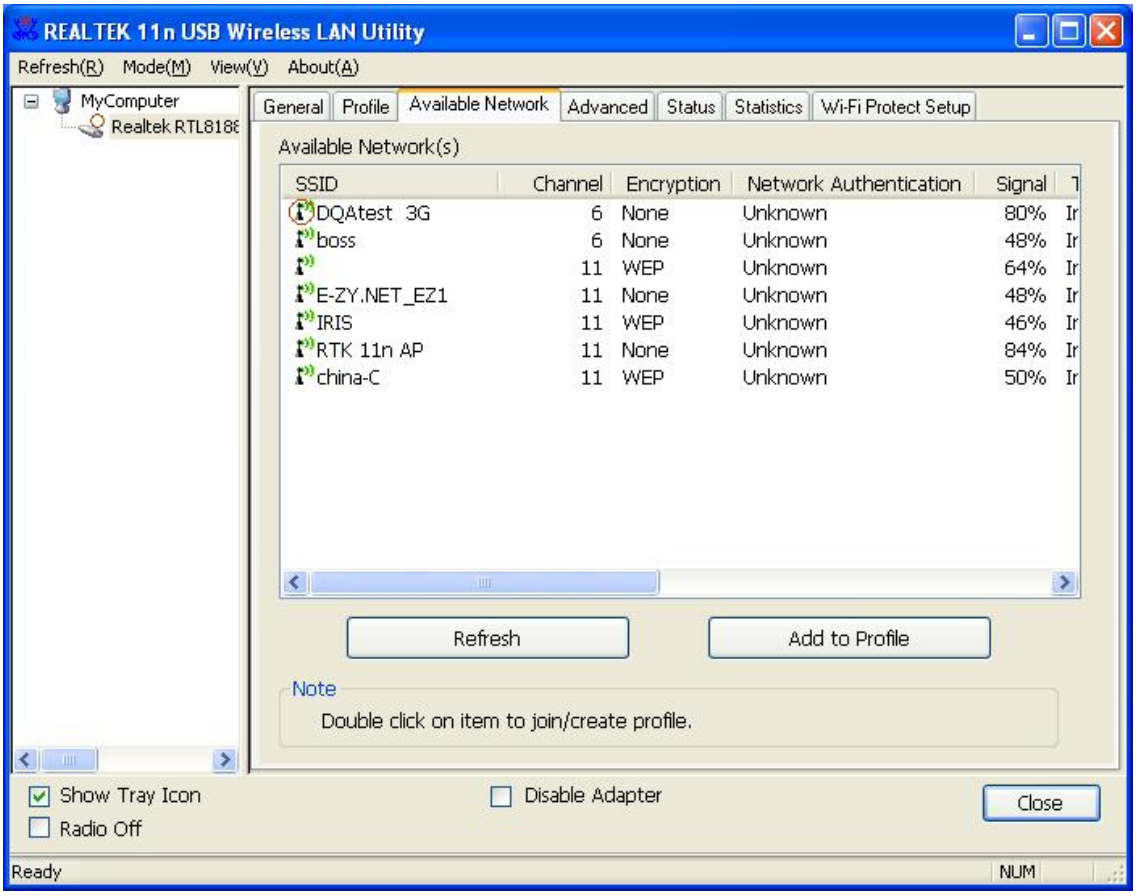
Der Reiter Profile (Profil) bietet eine Liste der bevorzugten Verbindungen. Sie können auf die nebenstehenden Buttons klicken, um jede einzelne Verbindung zu konfigurieren.



Add (Hinzufügen)	Klicken Sie auf diesen Button, um diesem Button ein Verbindungsprofil hinzuzufügen.
Remove (Entfernen)	Um ein Verbindungsprofil zu löschen, klicken Sie auf den entsprechenden Eintrag in der Liste und anschließend auf diesen Button, um das Profil zu löschen.
Edit (Bearbeiten)	Um die Konfiguration eines Profils zu bearbeiten, klicken Sie auf dieses Profil in der Liste und anschließend auf diesen Button.
Duplicate (Duplizieren)	Um eine Kopie eines Profils herzustellen, klicken Sie auf das zu kopierende Profil und anschließend auf diesen Button.
Set Default (Als Standardverbindung nutzen)	Um eine Profil als Standard-Funkverbindung zu nutzen, klicken Sie auf den entsprechenden Eintrag in der Liste und anschließend auf diesen Button. Sie können ein Profil auch durch Doppelklick auf den Eintrag als Standardverbindung auswählen.

Available Network (Verfügbares Netzwerk)

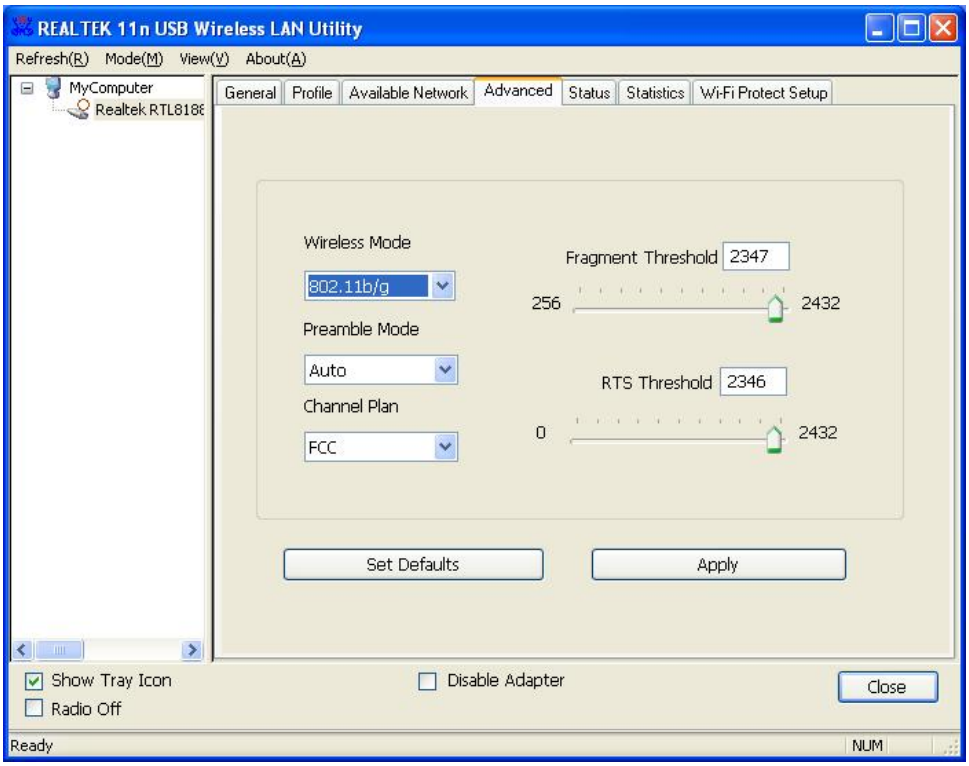
Dieser Reiter enthält eine Liste der für diesen Adapter erreichbaren Funknetzwerke.



Refresh (Aktualisieren)	Klicken Sie auf diesen Button, um erneut nach verfügbaren Netzwerken in der Umgebung des Adapters zu suchen.
Add to Profile (zu Profilen hinzufügen)	Um ein verfügbares Netzwerk Ihrer Profilliste hinzuzufügen, wählen Sie ein verfügbares Netzwerk aus und klicken Sie anschließend auf diesen Button.

Advanced (Erweitert)

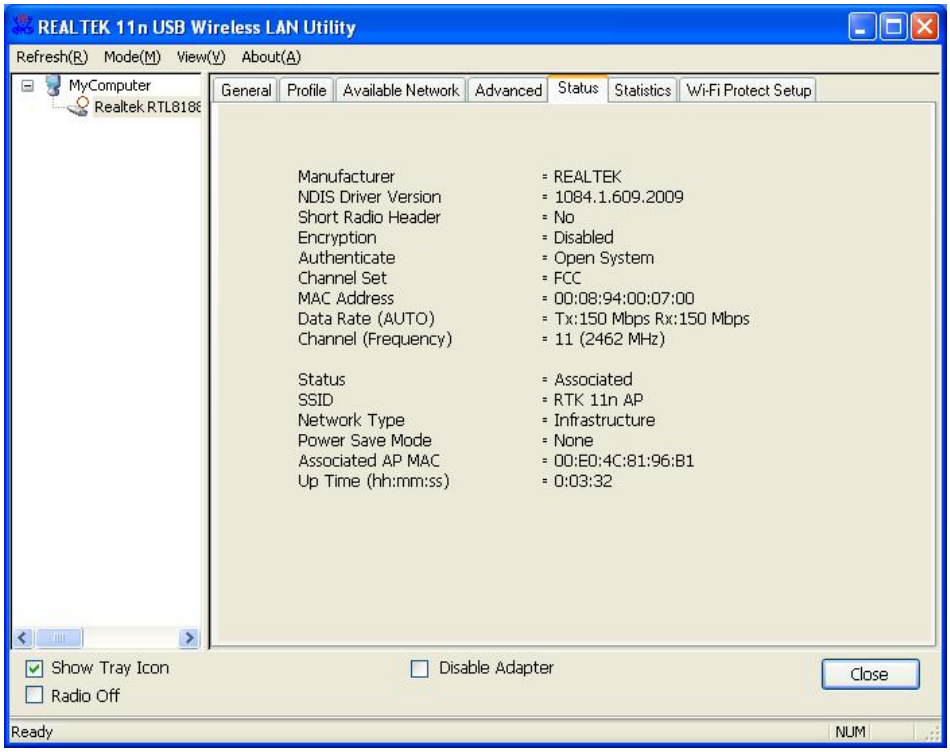
Der Reiter **Advanced** (Erweitert) bietet erweiterte Konfigurationsmöglichkeiten für diesen Adapter. Jede Änderung in diesem Reiter wird nach Klick auf den **Apply**-Button (Anwenden) ausgeführt. Klicken Sie auf **Set defaults** (Standardeinstellungen wiederherstellen), um die Standardeinstellungen wiederherzustellen.



Power Save (Energiesparmodus)	
None (Keine)	Deaktiviert die Energiesparfunktion.
Min (Minimum)	Minimaler Stromverbrauch.
Max (Maximum)	Maximaler Stromverbrauch.
Turbo Mode (Turbomodus)	
OFF (AUS)	Deaktiviert den Turbomodus.
ON (EIN)	Aktiviert den Turbomodus.
AUTO (Automatisch)	Aktiviert oder deaktiviert den Turbomodus automatisch entsprechend der erkannten Umgebung.
Fragment Threshold (Fragmentierungsschwelle)	
Die maximale Größe eines Datenpakets, das segmentiert und übertragen wird. Wählen Sie die Größe zwischen 256 und 2432 (Standard) Bytes aus.	
RTS Threshold (RTS-Schwelle)	
Wählen Sie den RTS-Schwellenwert zwischen 0 und 2432 (Standard) aus.	
Wireless Mode (Funk-Modus)	
802,11g/b	Verbindung mit einem 802,11b/g Netzwerk (2,4GHz/54Mbps)
802,11b	Verbindung mit einem 802,11b Netzwerk (2,4GHz/11Mbps)
802.11n	Verbindung zu einem 802.11n Netzwerk (2.4GHz/150Mbps)
Preamble Mode (Präambel-Modus)	
Wählen Sie den Präambel-Modus – lange, kurze oder automatische Erkennung – aus.	
Kanal Auswahl	
Wählen Sie den Kanal aus dieser Liste. Beachten Sie, dass es wichtig ist, den richtigen Kanal zu wählen. Wenn Sie einen falschen wählen, kann das gegen geltendes Recht verstoßen.	

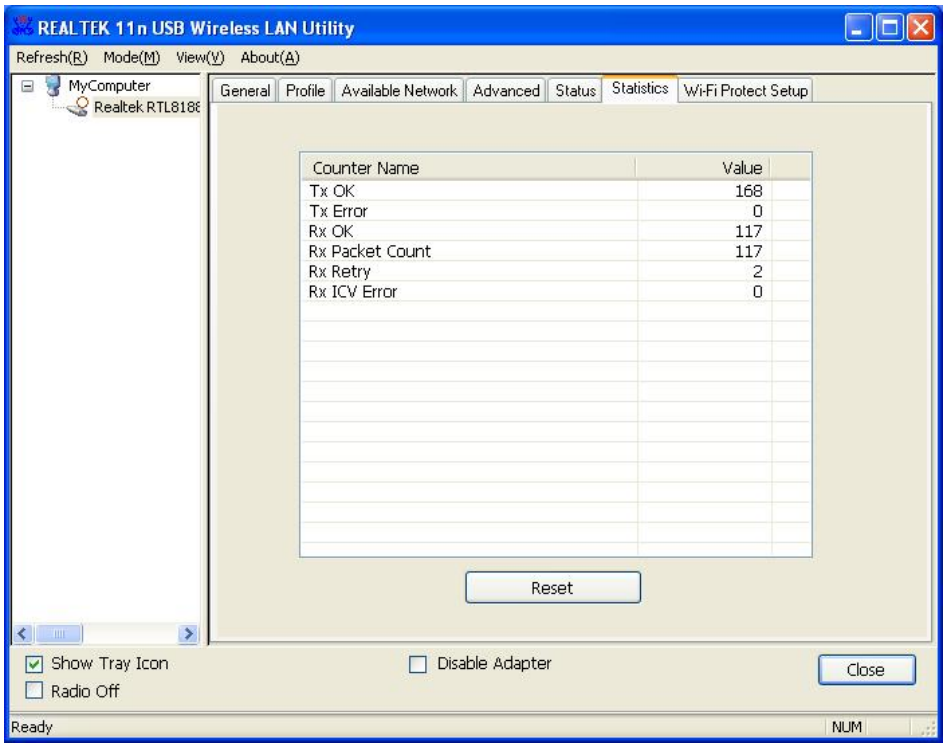
Status

Dieser Reiter zeigt den aktuellen Verbindungsstatus dieses Adapters.



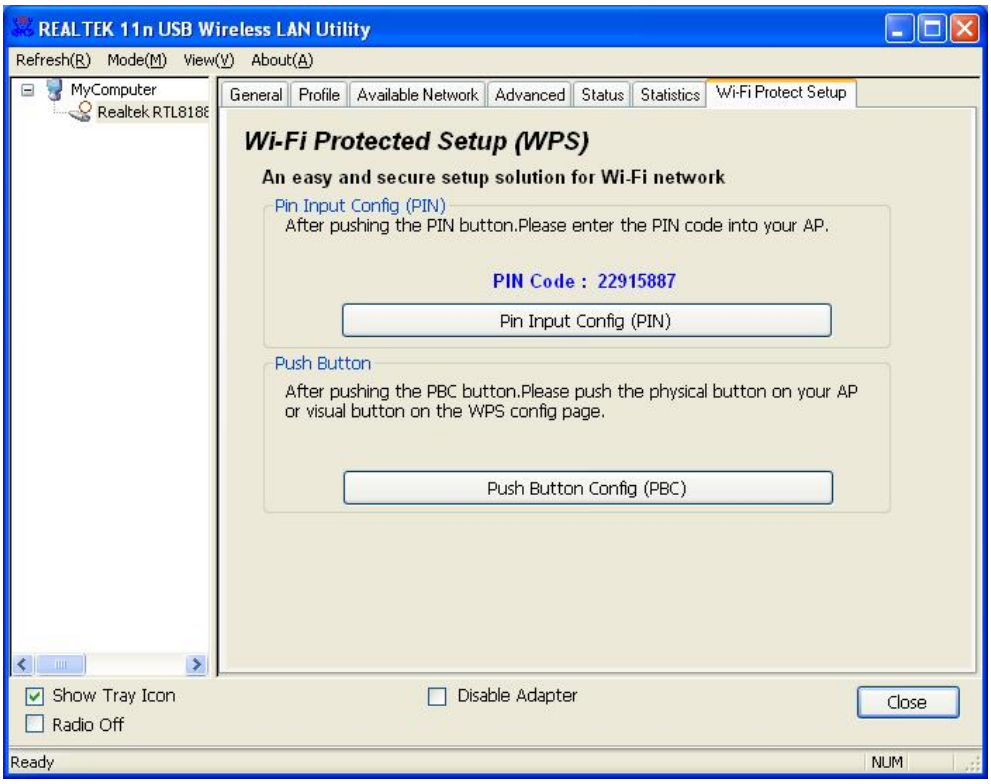
Statistics (Statistik)

Dieser Reiter zeigt eine Aufzeichnung der Übertragungsaktivitäten. Klicken Sie auf den **Reset**-Button (Zurücksetzen), um die Werte wieder von 0 an zu zählen.



Wi-Fi Sicherheits Setup

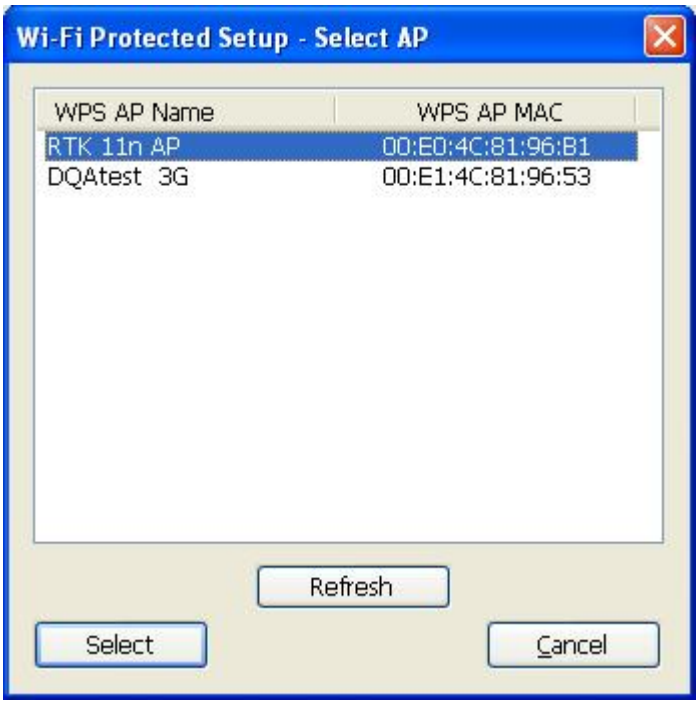
Das Hauptziel des Wi-Fi Sicherheits Setups (Wi-Fi Simple Configuration) ist es, das Einrichten der Sicherheitsdienste und deren Verwaltung im Wi-Fi Netzwerk zu vereinfachen. Dieser Adapter unterstützt die Konfiguration mittels PIN oder PBC (Push button configuration, Knopfdruck). Wenn der wireless Adapter Wi-Fi Protected Setup (WPS)(Wi-Fi Sicherheits Setup) unterstützt, können Sie eine wireless Verbindung zwischen wireless Adapter und Router einrichten, indem Sie entweder die PBC (Knopfdruck-) Methode oder PIN Methode anwenden.



Hier stellen wir Ihnen 2 Wege der Konfiguration des QSS vor.
(QSS ist bekannt als schnelles Instrument zur Sicherheitseinstellung, indem man den QSS Knopf des wireless routers und wireless Adapters gedrückt hält, um automatisch WPA2 Verschlüsselung einzurichten.)
Pin Code: 8-stellige Nummer. Wird nach dem Zufallsprinzip zugeordnet

1. PIN Methode
Klicken Sie auf “Pin Input Config (PIN)”, und erhalten nachfolgendes Bild.

Klicken Sie “Yes”, um einen AP auszuwählen (you can select one of the AP).



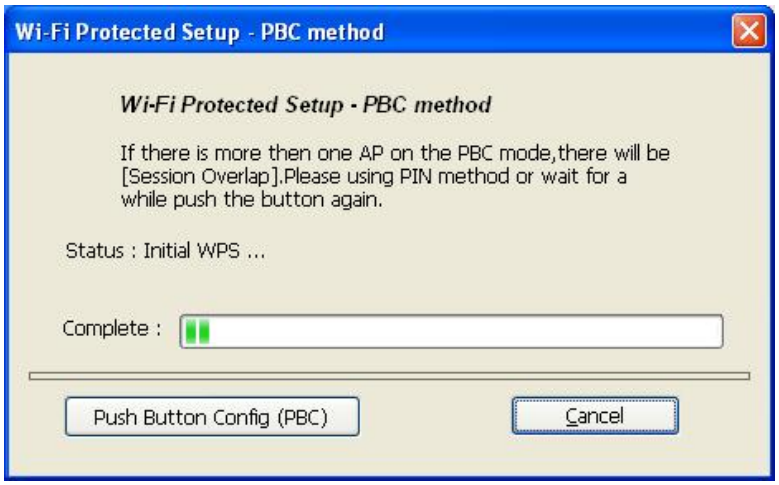
In diesem Bild haben Sie 3 Wahlmöglichkeiten “Refresh / Select / Cancel”.(Erneuern/ Auswählen/ Abbrechen) Wählen Sie den Namen eines APs aus und klicken dann auf “Select” , Sie können die PIN Methode wählen, um QSS zu konfigurieren.

Wi-Fi Protected Setup - PIN method
Wi-Fi Protected Setup - PIN method
Please enter the following PIN code into your AP .
PIN Code : 92595736
Status : Initial WPS ...
Cancel

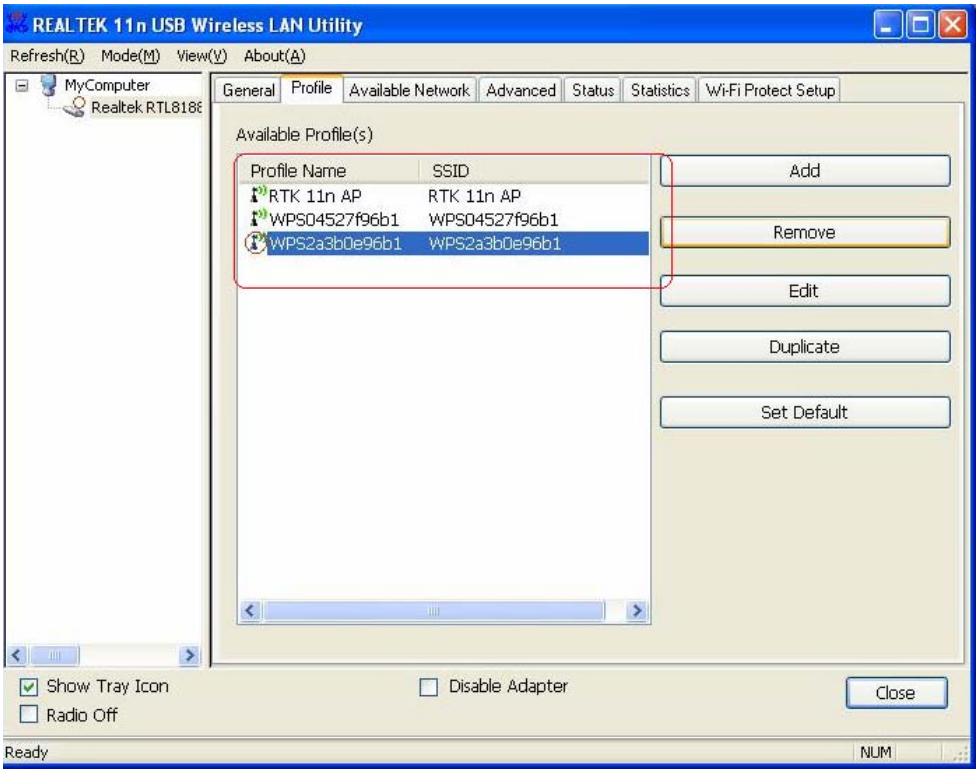
Doppelklicken Sie auf den Internet WEB browser icon Ihres Desktops. Geben Sie die IP Adresse Ihres ausgewählten Routers/AP in die URL und drücken Sie “Enter”, dann gelangen Sie zur Konfiguration. Bitte öffnen Sie WPS (Wi-Fi) Konfigurationsseite, geben Sie die PIN des Adapters ein und klicken Sie die „confirm“ Taste (Bestätigungstaste), um eine WPS Verbindung herzustellen.

2. PBC (Push Button Configuration) Methode (Knopfdruck Methode)

Nach dem Drücken der PBC Taste, drücken Sie bitte den physikalischen Knopf des APs oder visuellen Knopfes auf der WPS config Seite, es erscheint folgendes Bild.


Wi-Fi Protected Setup - PBC method
Wi-Fi Protected Setup - PBC method
If there is more then one AP on the PBC mode,there will be [Session Overlap].Please using PIN method or wait for a while push the button again.
Status : Initial WPS ...
Complete :
Push Button Config (PBC)
Cancel

Bitte wählen Sie die WPS (Wi-Fi)Konfigurationsseite Ihres gewünschten Routers/ APs aus, und starten Sie die PCB Verbindung. Wenn die WPS Konfiguration erfolgreich war, ist das Profil entsprechend geändert.



ANHANG

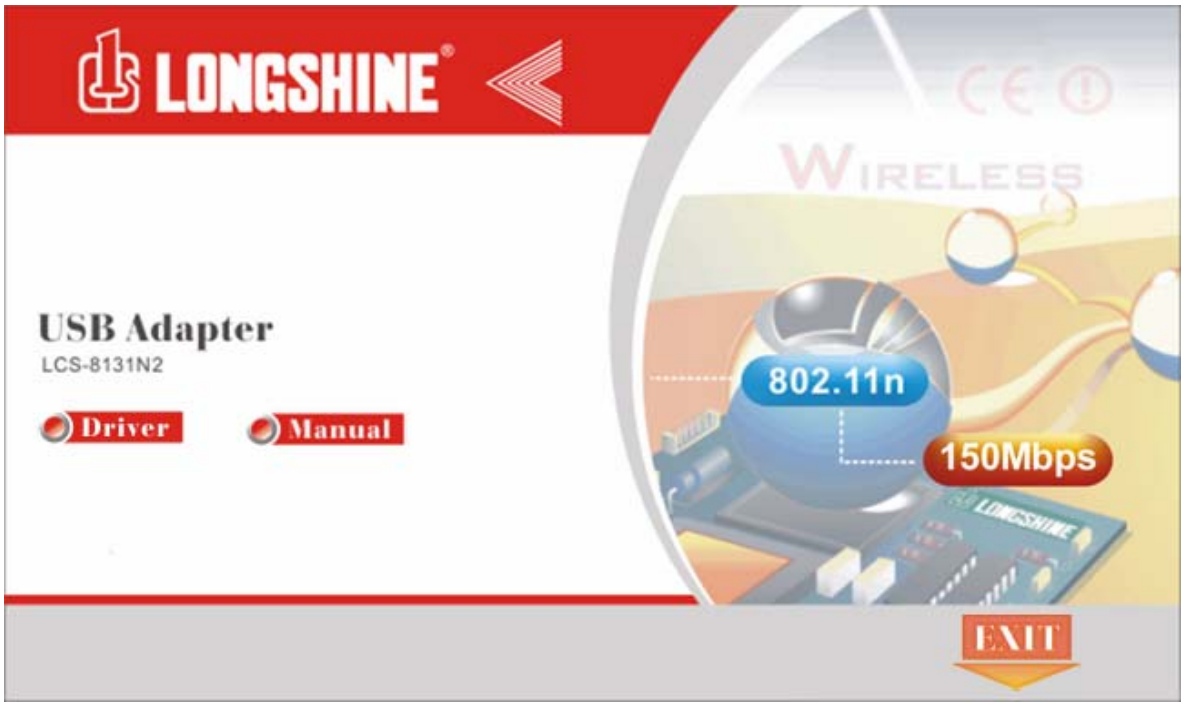
Treiber-Installation unter Windows Vista

Hinweis: Die folgende Installationsanleitung für Treiber bezieht sich auf Windows XP als Referenz-Betriebssystem. Die Verfahren und Bildschirmanzeigen von Windows 98se und 2000 sind ähnlich wie bei Windows XP.

1. Ziehen Sie das Stromkabel Ihres Computers aus der Steckdose. Öffnen Sie das Gehäuse Ihres Computers.
2. Stecken Sie den Adapter in einen PCI-Sockel, PCMCIA-Steckplatz oder USB-Port.
3. Der „Hardware-Installationsassistent“ wird eingeblendet (**Hinweis:** Der Installationsassistent wird unter Windows 98 und ME nicht angezeigt. Das System findet und installiert die Hardware automatisch. Bitte überspringen Sie die folgenden Schritte und starten Sie den Computer nach der Installation neu.).
4. Klicken Sie auf Abbrechen, und starten Sie das Setup-Assistenten auf der CD-ROM

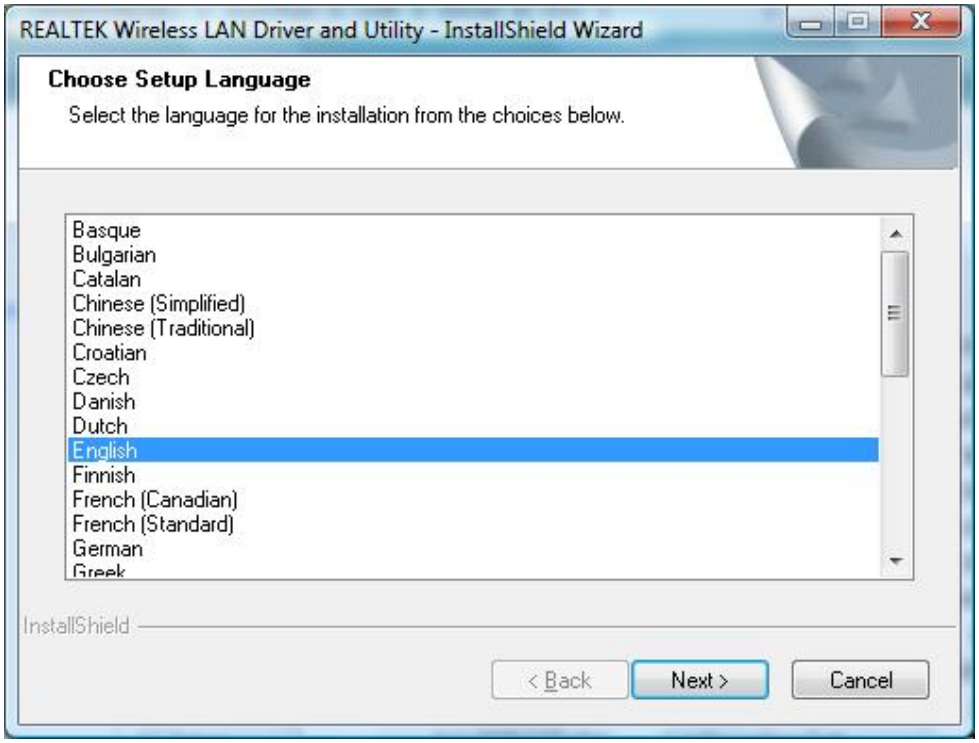
Found New Hardware
Windows needs to install driver software for your RTL8188S WLAN Adapter
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

Legen Sie die enthaltene CD-Rom in Ihr CD-Rom-Laufwerk ein. Das Menüfenster erscheint automatisch. Klicken Sie auf den **Driver-WIN**-Button (Treiber) dieses Produkts.

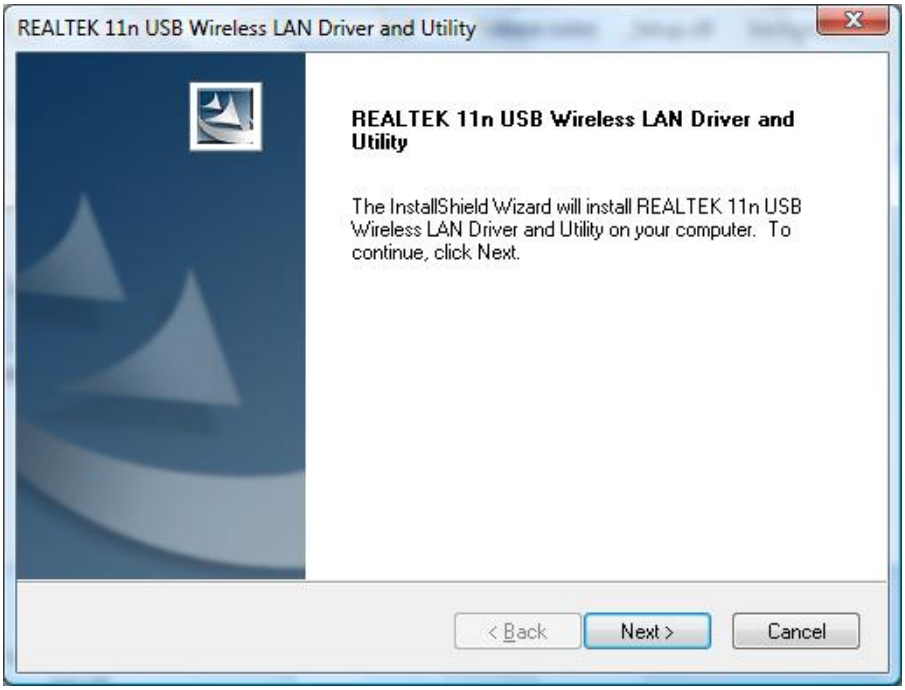


Hinweis: Wenn die CD-Rom nicht automatisch startet, klicken Sie bitte auf **Arbeitsplatz** → **CD-Rom-Laufwerk** und anschließend doppelt auf das **Setup**- Symbol in diesem Menü.

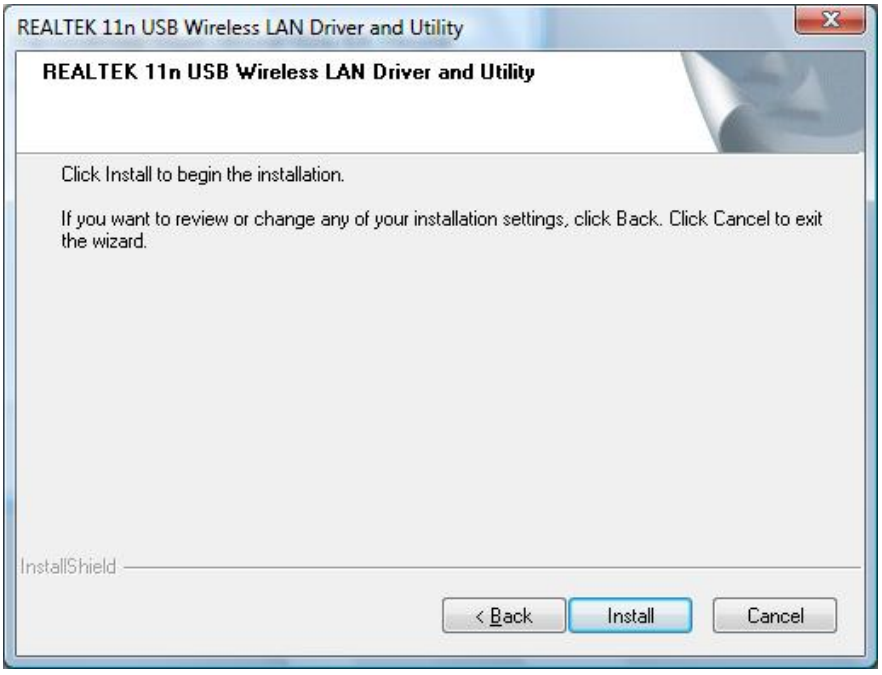
5. Das Sprachauswahlfenster erscheint. Wählen Sie Ihre Sprache und klicken Sie auf **Next**.



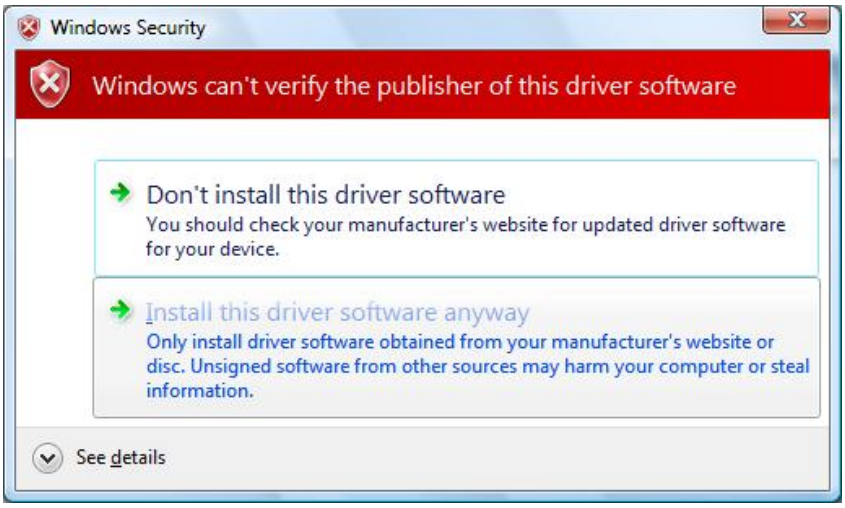
6. Das Begrüßungsfenster erscheint. Klicken Sie auf **Next** (Weiter), um fortzufahren.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

7. Klicken Sie auf die Schaltfläche "Install", um den Installationsvorgang

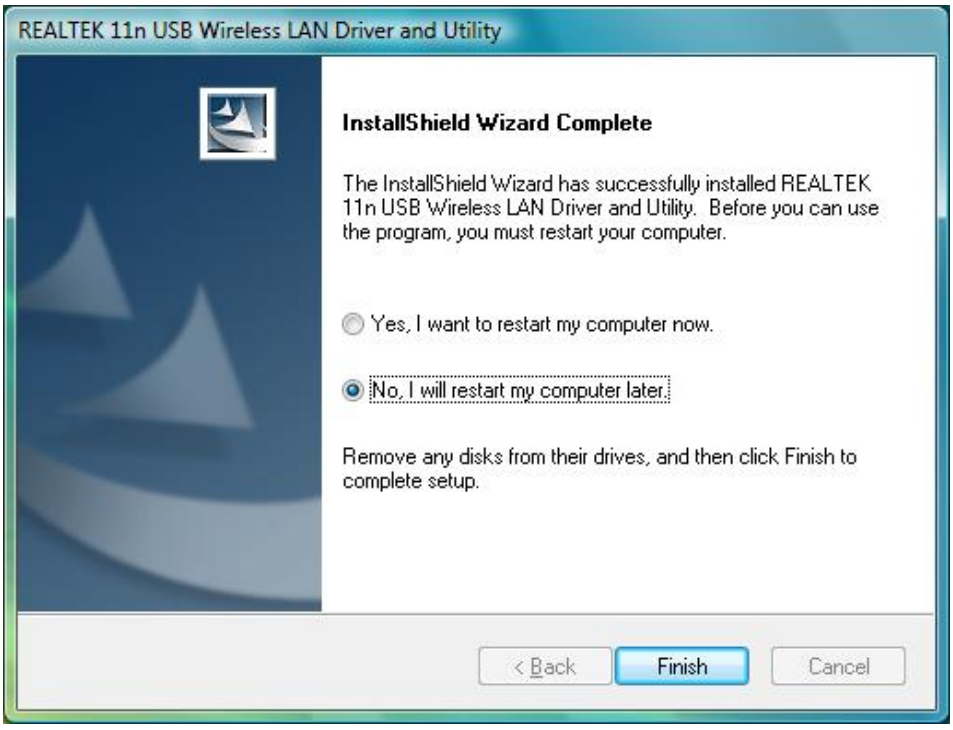

REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

8. Während der Installation kann dieses Windows-Warnfenster eingeblendet werden. Klicken Sie bitte auf **Install this driver software anyway** (Trotzdem fortfahren), um fortzufahren.


Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

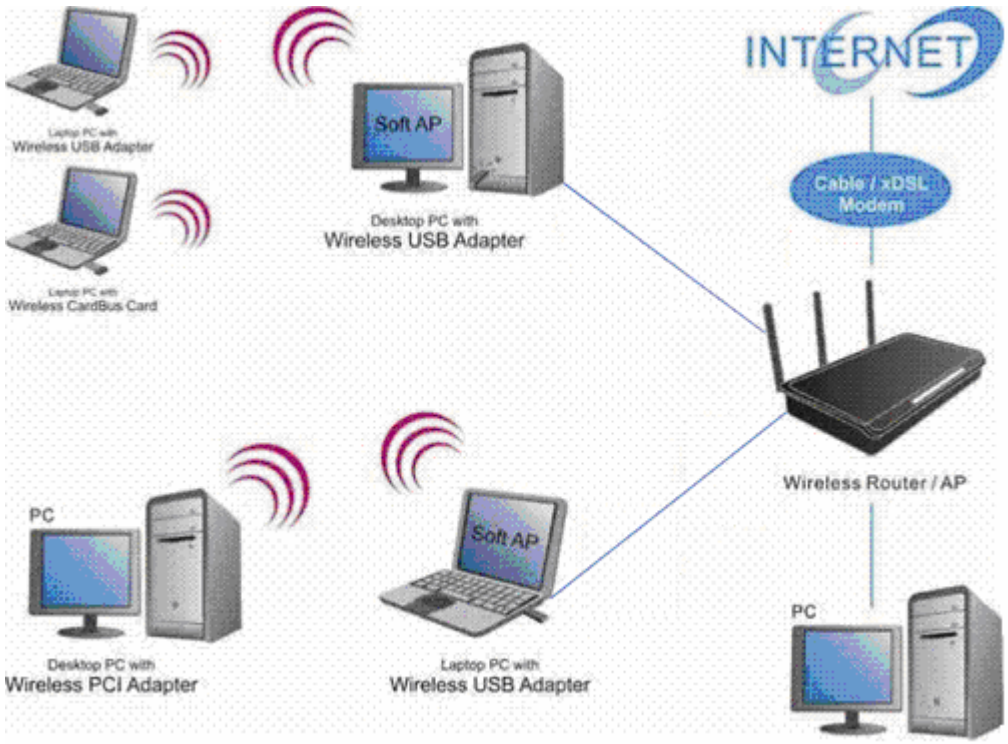
9. Bitte warten Sie während des Installationsvorgangs.

10. Bei Windows XP und 2000 Nutzern: Bitte fahren sie Ihren Computer runter. Wenn Sie Windows 98se oder ME nutzen, kann das System einen Neustart fordern. Bitte wählen Sie “Nein, ich starte meinen Computer später neu.” Und fahren Sie den Computer runter. Drücken Sie “Beenden”, um die Komplettinstallation fortzuführen.


REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

AP-Modus Management-Anleitung

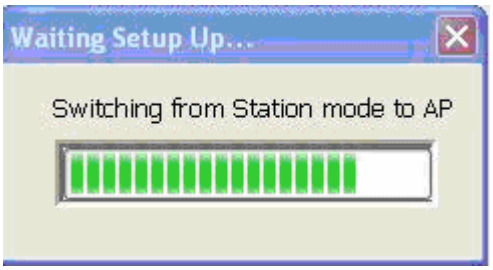
Software Access Point (Soft AP) Anwendung:



Allgemein

Um diesen Adapter als Accesspoint zu nutzen, Klicken Sie “Mode” im Menü und wählen Sie “Access Point” aus.

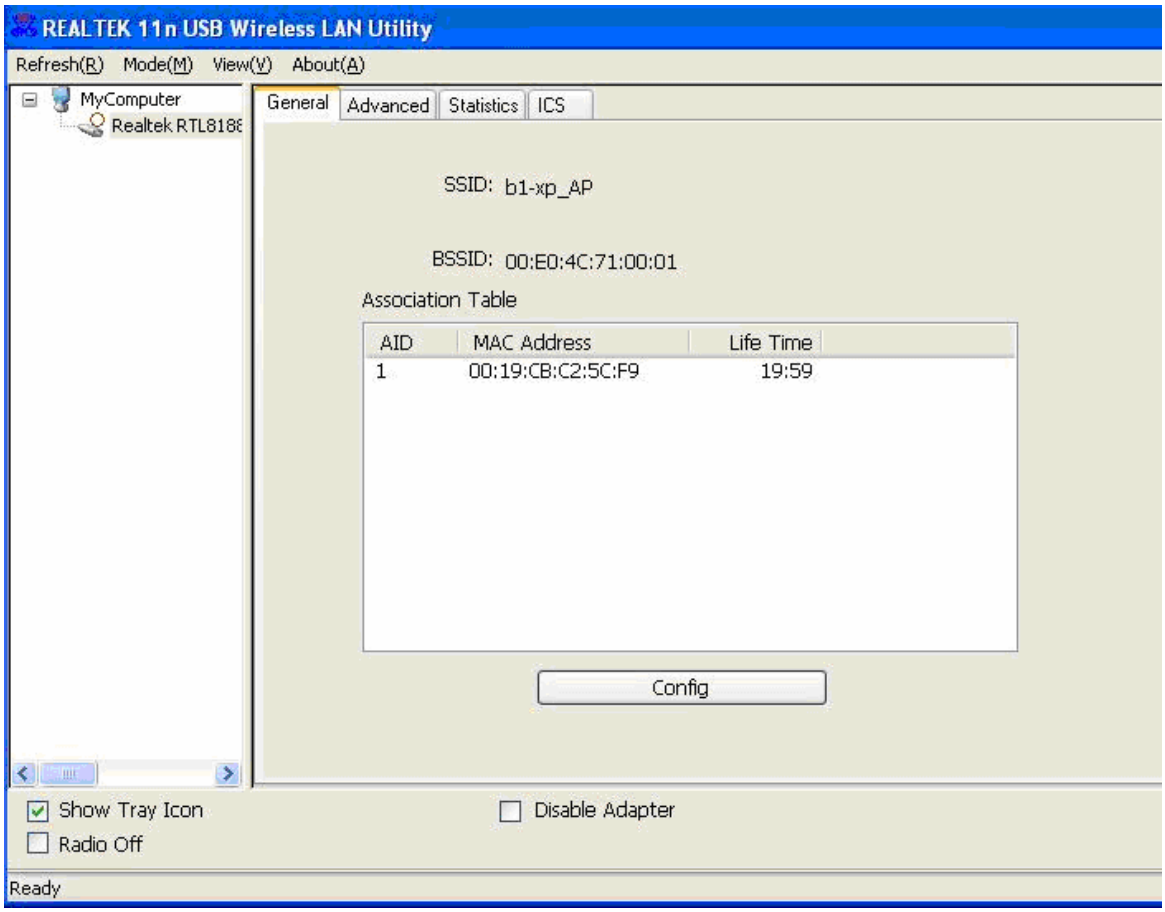
Nun wechselt er vom station mode zum AP:



Gleichzeitig sehen Sie, dass sich das Symbol im Infobereich der Taskleiste geändert hat.

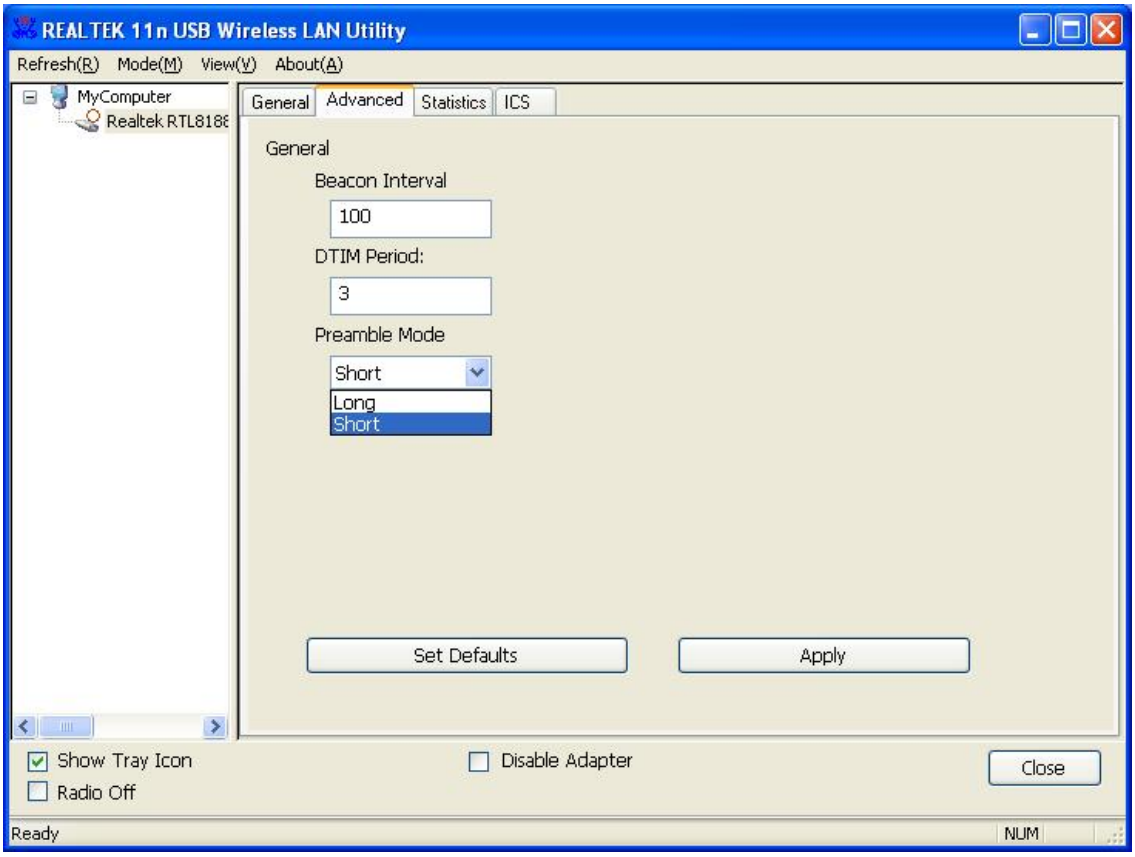
Nach der Konfiguration des Adapters im AP-Modus wird das Fenster General (Allgemein) mit allgemeinen Informationen zu diesem Zugangspunkt eingeblendet.

SSID:	Die SSID (Netzwerkname) des durch diesen Zugangspunkt geschaffenen Funknetzwerks
BSSID:	Die Mac-Adresse dieses Zugangspunkts
Config (Konfiguration):	Klicken Sie auf diesen Button, um die Konfiguration dieses Zugangspunkts zu ändern.
Association Table (Verbindungstabelle):	Zeigt Informationen zu den Geräten an, die mit diesem Zugangspunkt verbunden sind – einschließlich der MAC-Adresse und der Dauer der Verbindung zu diesem Gerät.



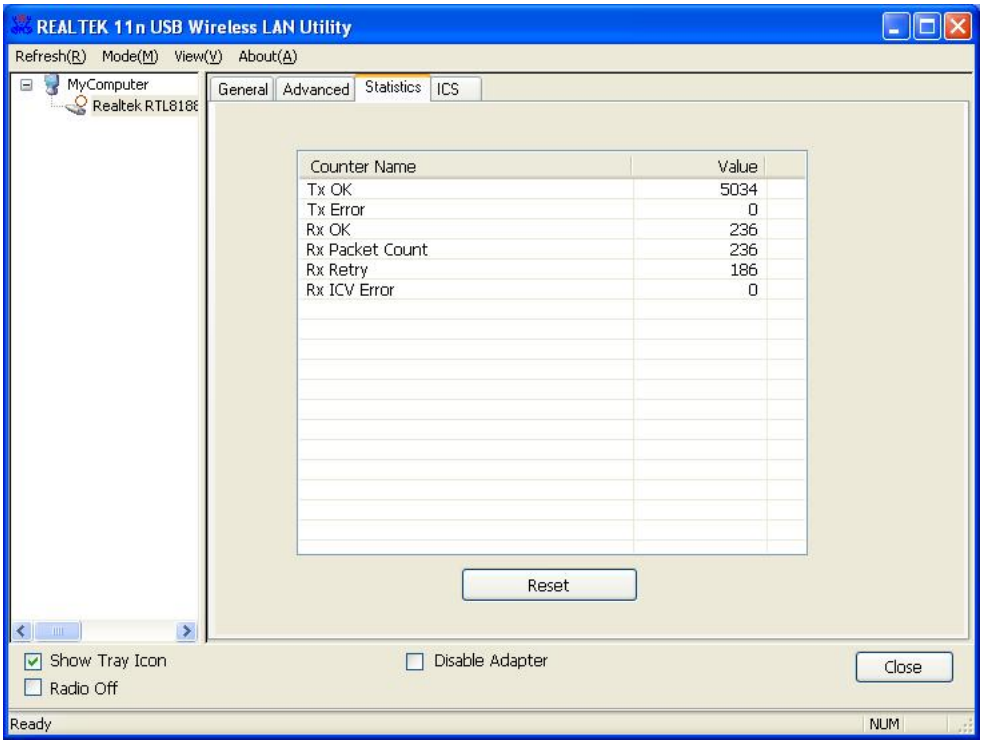
Advanced (Erweitert)

Beacon Interval (Signalintervall):	Definiert das Intervall zwischen den Signalen von 20~1000.
DTIM Period (DTIM-Dauer):	Legt den DTIM-Dauer zwischen 1~255 fest.
Preamble Mode (Präambel-Modus):	Klicken Sie auf die Dropdown-Liste, um die Präambel auf lang, kurz oder automatisch einzustellen.
Set Defaults (Standardeinstellungen):	Klicken Sie auf diesen Button, um die Standardwerte der obigen Einstellungen wiederherzustellen.
Apply (Anwenden):	Klicken Sie auf diesen Button, um die Änderungen auszuführen.



Statistics (Statistik)

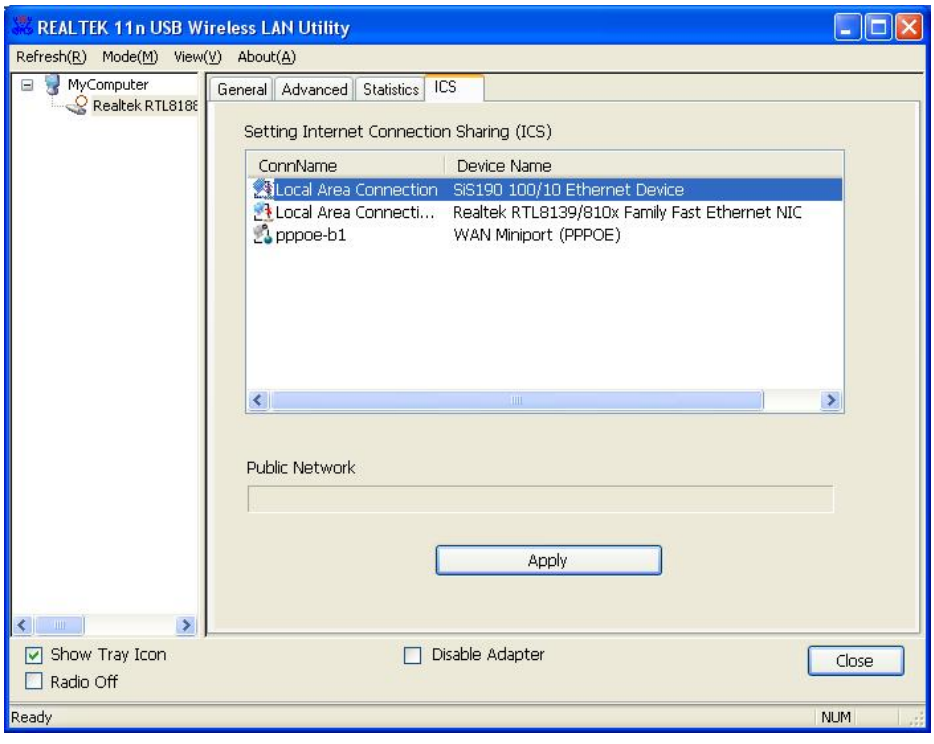
Dieser Reiter zeigt eine Aufzeichnung der Übertragungsaktivitäten. Klicken Sie auf den **Reset**-Button (Zurücksetzen), um die Werte wieder von 0 an zu zählen.



ICS

In diesem Fenster können Benutzer den Adapter für die Verbindung mit einem öffentlichen Netzwerk auswählen.

Klicken Sie auf das Gerät, das für die Herstellung der Verbindung zu dem öffentlichen Netzwerk verwendet werden soll. Auf **Apply** (Anwendung), um die Verbindung herzustellen.



PRODUKT-SPEZIFIKATIONEN

Standard
IEEE 802.11n draft 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u
Schnittstelle
USB (23413)
Sicherheit
64/128-bit WEP, WPA (TKIP mit IEEE 802,1x), AES
Empfänger-Empfindlichkeit
802.11n Typical -68 dBm
802.11g Typical -73 dBm
802.11b Typical -84 dBm
Kanal
USA 11, Europa 13, Japan 14
Datenübertragungsrate
802,11b: 1, 2, 5,5 und 11Mbps
802,11g: 6, 9, 12, 18, 24, 36, 48, und 54Mbps
802.11n: bis zu 150 Mbps
Übertragungsleistung
16 dBm typically @ 802.11b
14 dBm typically @ 802.11g
13 dBm typically @ 802.11n
Reichweite
Innenräume 35~100 Meter
Außenbereiche 100~300 Meter
LED-Anzeige
Verbindung (Grün)
Betriebstemperatur
0- 40 ^{0}C (32 – 104 ^{0}F)
Relative Luftfeuchtigkeit bei Betrieb
10% ~ 90% (nicht kondensierend)
Emission
FCC Klasse B, CE, VCCI Klasse B

Manuale d'uso

Adattatore wireless USB
IEEE 802.11n Draft 2.0

Certificazioni FCC

Dichiarazione della FCC sulle interferenze

L'apparecchiatura è stata collaudata e riscontrata conforme ai limiti per i dispositivi digitali di classe B ai sensi della Parte 15 della normativa FCC. Tali limiti sono stati studiati per fornire una ragionevole protezione contro le pericolose interferenze negli impianti residenziali. L'apparecchiatura genera, utilizza e può emettere energia a radiofrequenza e se non viene installata ed utilizzata come indicato nel manuale di istruzioni può provocare pericolose interferenze sulle radiocomunicazioni. Non è comunque possibile garantire che in installazioni particolari tali interferenze non si verifichino. Qualora l'apparecchiatura dovesse provocare interferenze sulla ricezione di apparecchi radiotelevisivi – il che si può facilmente verificare spegnendola e riaccendendola – l'operatore può cercare di eliminare l'interferenza procedendo come di seguito indicato:

- Riorientare o riposizionare l'antenna di ricezione.
- Aumentare la distanza tra l'apparecchiatura e il ricevitore.
- Collegare l'apparecchiatura ad una presa su un circuito diverso da quello al quale il ricevitore è collegato.
- Consultare il rivenditore o un tecnico esperto in impianti radiotelevisivi.

Questo dispositivo è conforme con la Parte 15 della normativa FCC. L'utilizzo è soggetto alle due condizioni seguenti: (1) il dispositivo non deve causare interferenze pericolose, e (2) il dispositivo deve accettare qualsiasi interferenza ricevuta, comprese quelle che possano provocarne un funzionamento indesiderato.

Precauzione FCC: eventuali cambi o modifiche non espressamente approvati dal soggetto responsabile della conformità potrebbero annullare l'autorizzazione all'uso dell'apparecchiatura da parte dell'utente.

NOTA IMPORTANTE:
Dichiarazione della FCC sull'esposizione alle radiazioni:

Questa apparecchiatura è conforme ai limiti di esposizione alle radiazioni stabiliti dalla FCC per ambienti privi di controllo. Questa apparecchiatura deve essere installata ed azionata avendo cura di frapporre una distanza minima di 20 cm tra l'antenna trasmittente e il corpo dell'utente.

Questa apparecchiatura non può essere abbinata o azionata congiuntamente ad altre antenne o trasmettitori.

Marchio di conformità CE

Questo apparecchio è conforme ai requisiti riguardanti la compatibilità elettromagnetica, EN 55022 classe B per ITE ovvero ai requisiti essenziali della Direttiva del Consiglio 2004/108/EC sull’armonizzazione delle leggi degli Stati Membri in materia di compatibilità elettromagnetica.

La politica dell’azienda prevede l'aggiornamento costante dei propri prodotti; è quindi possibile che le informazioni contenute in questo manuale non siano aggiornate. Rivolgersi ai rivenditori locali per ottenere le informazioni più recenti. Non è consentita la copia o la riproduzione di alcuna parte di questo documento in qualsiasi forma senza l'esplicito consenso scritto dell'azienda.

Marchi commerciali:

Tutti i nomi di marchi e i marchi commerciali sono proprietà dei rispettivi titolari.

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PRESENTAZIONE

Grazie per avere acquistato questo prodotto. In questo capitolo sono presentati i componenti in dotazione all'adattatore wireless IEEE 802.11n.

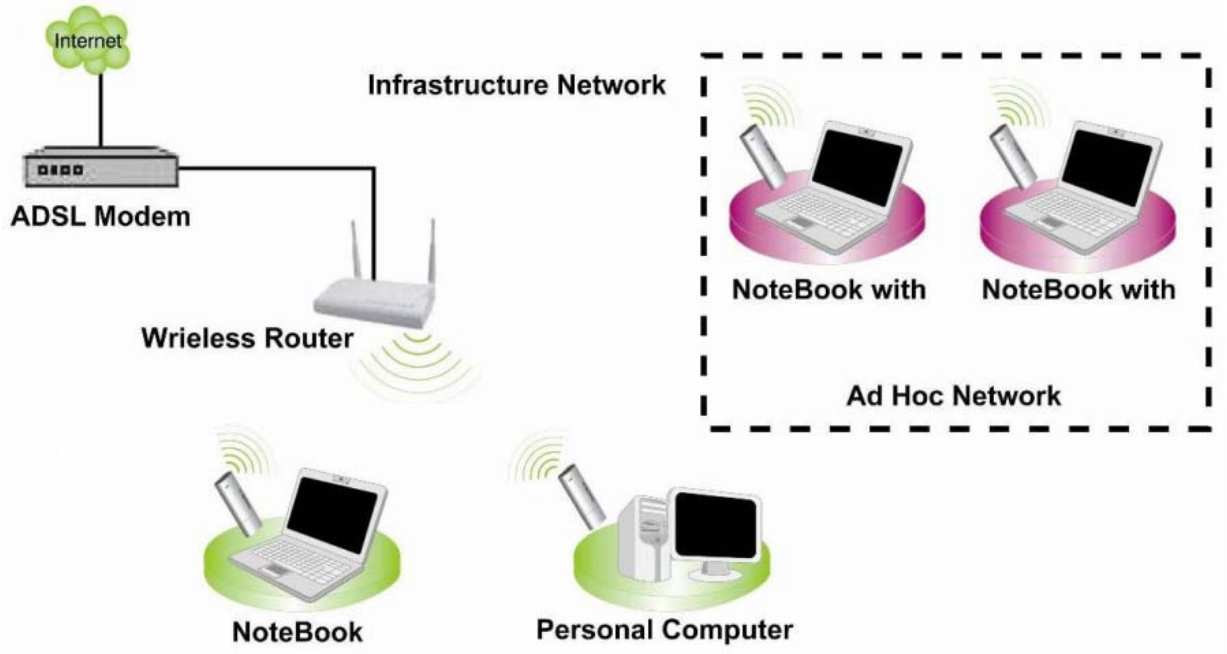
Volume della fornitura

Prima di utilizzare l'apparecchio verificare che la confezione contenga i seguenti componenti:

1. Adattatore wireless IEEE 802.11b/g/n
2. CD con programmi e manuale

Introduzione all'adattatore wireless IEEE 802.11n

L'adattatore wireless IEEE 802.11n consente agli utenti di installare la rete senza fili IEEE 802.11n a 150 Mbps con una frequenza di 2.4GHz ed è compatibile anche con dispositivi senza fili IEEE 802.11b/g. Grazie a questo adattatore è possibile configurare una modalità ad hoc per collegarsi ad altri computer 2.4GHz oppure una modalità infrastruttura per collegarsi a un punto d'accesso senza fili oppure a un router per la connessione a Internet. Questo adattatore include un comodo programma per la scansione delle reti disponibili e la memorizzazione delle reti preferite, utilizzate solitamente per il collegamento. Il programma consente anche di configurare una codice crittografico di sicurezza.



Caratteristiche principali

- Conforme agli standard senza fili IEEE 802.11b/g/n
- Trasferimento dati ad alta velocità fino a 150Mbps
- Supporta sevizi QoS (WMM, WMM-PS Client mode)
- Supporta aggregazione frame, meccanismo di risparmio energetico, gestione canali e co-esistenza
- Autoinstallazione e programmi diagnostici
- Crittografia dati wireless con WEP, WPA (TKIP con IEEE 802.1x) 64/128 bit e funzioni AES

GUIDA D'INSTALLAZIONE

Installazione

Nota: la seguente guida di installazione del driver si basa sul sistema operativo Windows XP. Le procedure e le schermate dei sistemi operativi Windows 98se e 2000 sono simili a quelle di Windows XP.

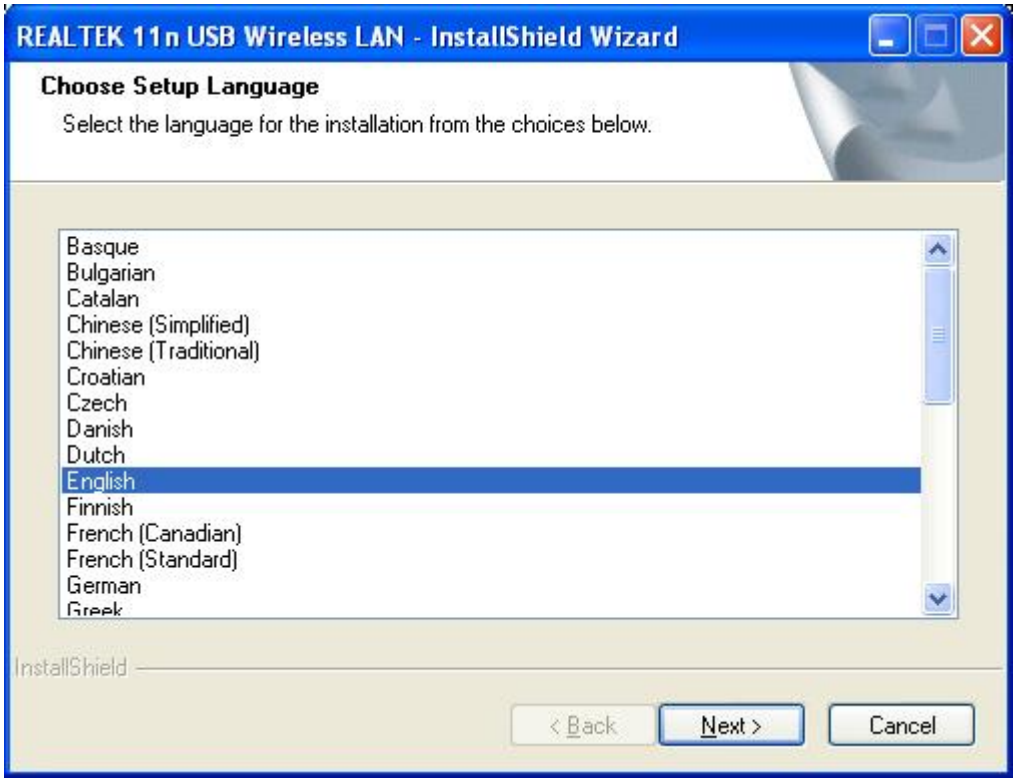
1. Estrarre il cavo di alimentazione del computer dalla presa. Rimuovere il coperchio del computer.
2. Collegare l'adattatore a una presa PCI, a uno slot PCMCIA oppure a una porta USB.
3. Compare la finestra "Trovato nuovo hardware". (**Nota:** questo assistente non comparirà in Windows 98 e ME. Il sistema trova il nuovo hardware e lo installa automaticamente. Tralasciare i passaggi successivi e riavviare il sistema dopo l'installazione).
4. Clic sul pulsante **"Next"**.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

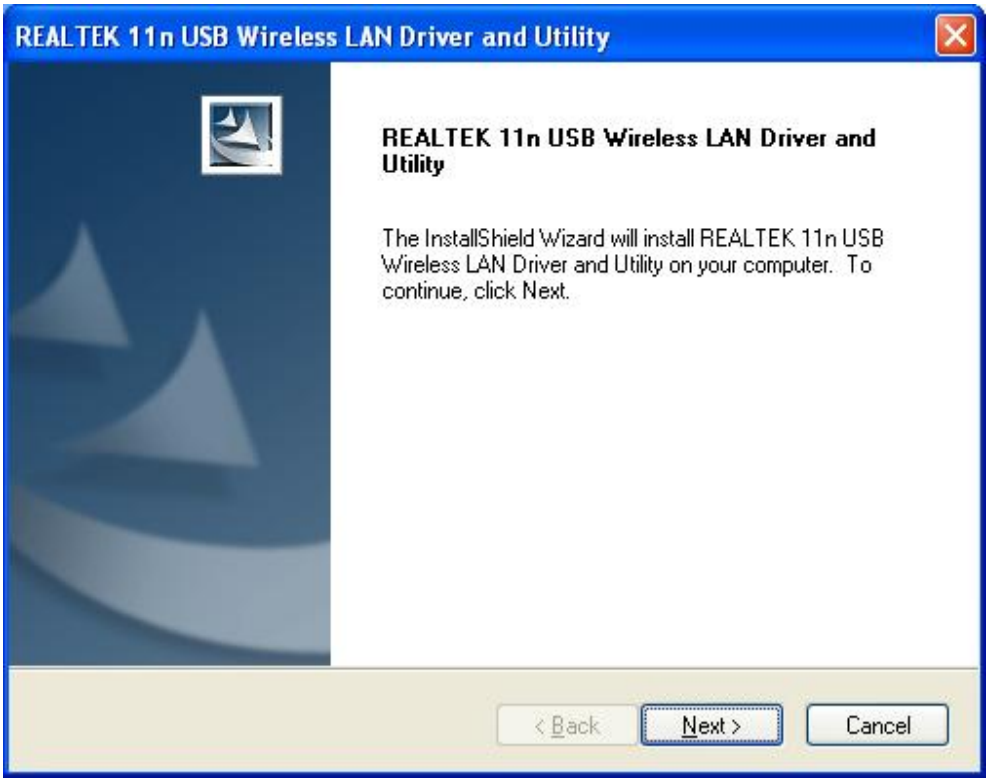
Inserire il CD in dotazione nell'unità CD Rom. Compare automaticamente la finestra del menu. Fare clic sul pulsante **"Driver-WIN"** del prodotto.

Nota: se il CD non si apre automaticamente, fare clic su "**Risorse del computer**"→ **Unità DVD-RW** poi fare clic due volte su "**Setup"** per avviare il menu.

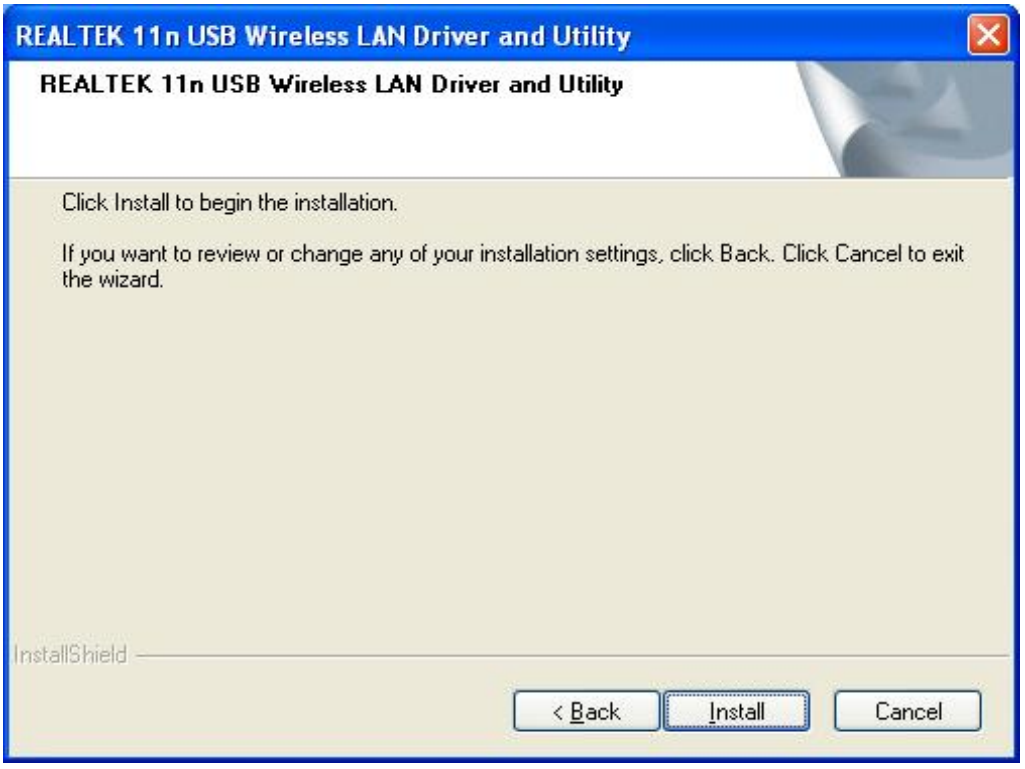
1. Compare la finestra di selezione della lingua. Selezionare la lingua che si vuole utilizzare e fare clic su **Continua**.



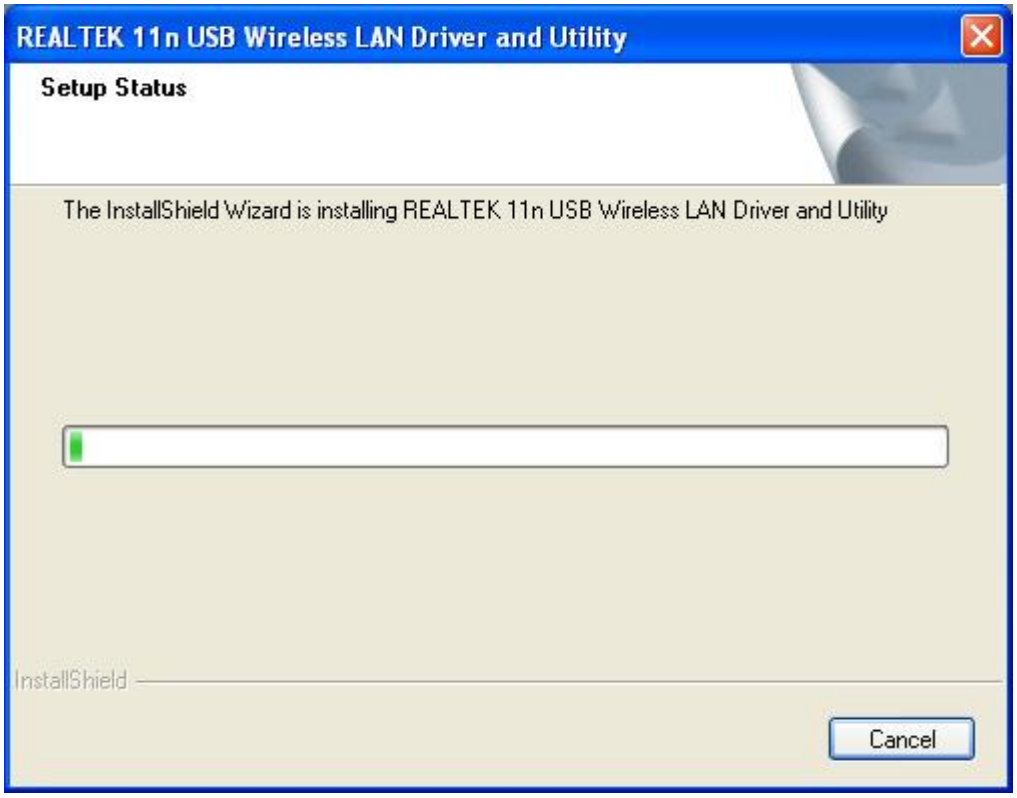
2. Compare la finestra iniziale. Fare clic sul pulsante **“Continua”** per procedere.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

3. Fare clic sul pulsante "Installa" per avviare l'installazione


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

4. Attendere che l'installazione venga completata.


REALTEK 11n USB Wireless LAN Driver and Utility
Setup Status
The InstallShield Wizard is installing REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield
Cancel

5. Durante l'installazione potrebbe comparire la finestra di verifica del logo Windows. In questo caso premere "**Continua**" per proseguire comunque l'operazione.

Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Hardware Installation
The software you are installing for this hardware:
Realtek RTL8188SU Wireless LAN 802.11n USB 2.0 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

6. Attendere prima di effettuare l'installazione

7. Per utenti Windows XP e 2000 si prega di spegnere il computer. Se si utilizza Windows 98SE o ME, il sistema può chiedere di riavviare il computer. Si prega di selezionare "No, riavviare il computer in seguito" e quindi spegnere il computer. Fare clic su "Fine" per completare l'installazione del driver e utility.

REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

UTILIZZO DELL'APPARECCHIO

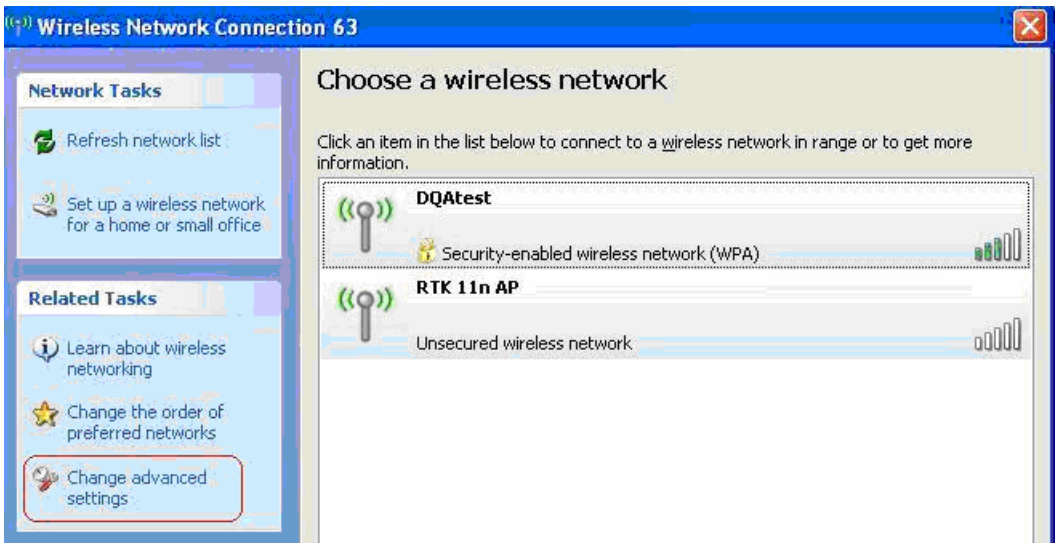
Questa sezione illustra le caratteristiche dell'interfaccia dell'apparecchio e fornisce istruzioni in merito al suo utilizzo.

Stabilire una connessione di rete

Collegamento con Microsoft Zero Configuration tool

Dopo aver specificato lo strumento Microsoft Zero Configuration per configurare la rete wireless, cliccare l'icona sulla barra di sistema. Con il tasto destro del mouse. Selezionare Visualizza reti senza fili disponibili per specificare la propria rete wireless.

Lo strumento mostra le reti wireless disponibili. Selezionare la rete a cui collegarsi. Per collegarsi a una rete wireless con più impostazioni di sicurezza, cliccare su Modifica impostazioni avanzate per stabilire la
compatibilità con le impostazioni di sicurezza della propria rete wireless.


Wireless Network Connection 63
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
DQAtest
Security-enabled wireless network (WPA)
RTK 11n AP
Unsecured wireless network

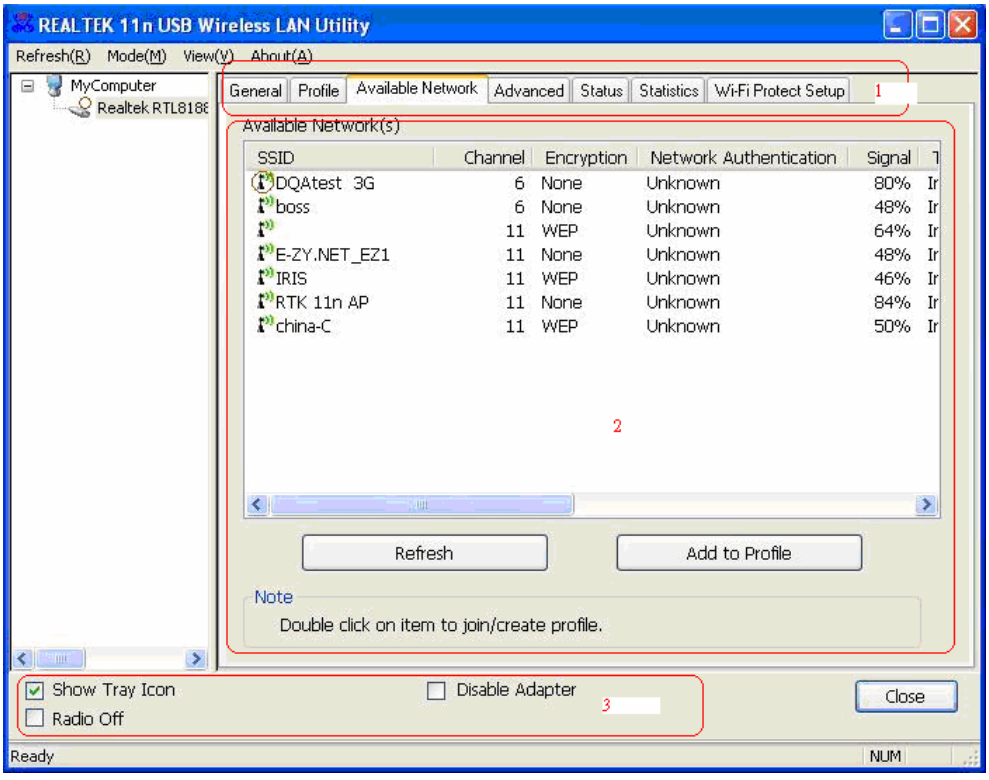
Per connettersi usando l'utility 802.11n Wireless LAN

Questo utility viene fornita a corredo per consentire agli utenti di collegarsi facilmente a una rete wireless. Fornisce più informazioni e possibilità di configurazione per questo adattatore. A livello predefinito, l'utility si avvia automaticamente all'avvio del computer e si connette alla rete wireless disponibile dotata del segnale più potente. Cliccare con il tasto destro sull'icona e selezionare la voce Open Config utility (Apri configurazione Utility) qualora l'utility non si avvia.
Si prega di fare riferimento ai seguenti capitoli per ottenere informazioni in merito alle funzioni di questa utility.

Avviare la funzione Wireless LAN

Fare doppio clic sull'icona del desktop. Compare la finestra Wireless LAN.

Facendo clic sulle schede in alto è possibile configurare l'adattatore. Tramite le caselle di spunta si selezionano le seguenti opzioni:

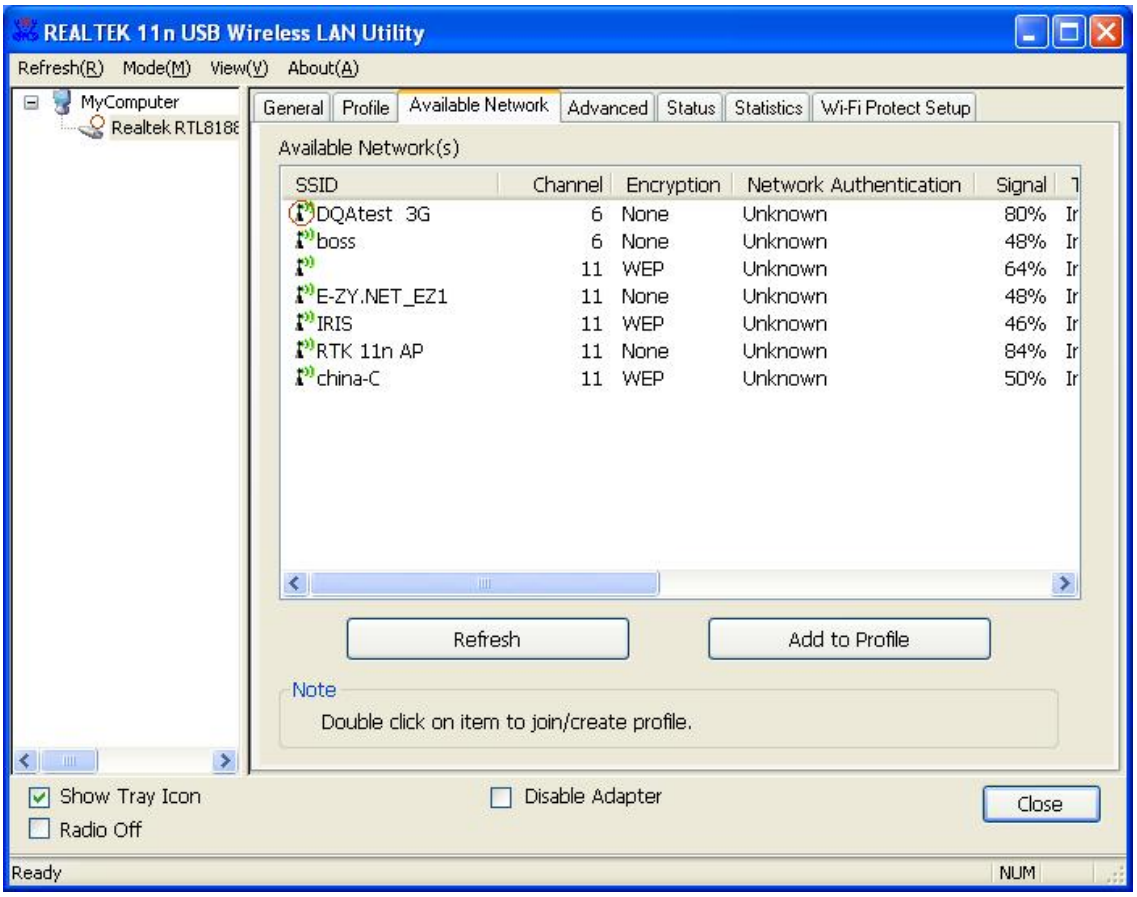


Swow Tray Icon	Selezionare questa casella di spunta per visualizzare l'icona del programma sulla barra delle applicazioni nell'area di notifica situata nell'angolo inferiore destro del desktop. Deselezionando questa casella si elimina l'icona del programma dalla barra delle applicazioni.
Radio Off	Selezionare questa casella per impedire che l'adattatore riceva o trasmetta segnali. Deselezionare per effettuare la comunicazione.
Disabile Adapter	Selezionare questa casella per disattivare l'adattatore wireless . Deselezionare per riattivare l'adattatore.

Per utilizzare l'adattatore in modalità Station

1. Fare clic sull'icona del desktop.

2. Fare clic sulla scheda **"Rete disponibile"** per visualizzare gli adattatori di rete wireless disponibili. Cliccare due volte sull'adattatore di rete a cui collegarsi.

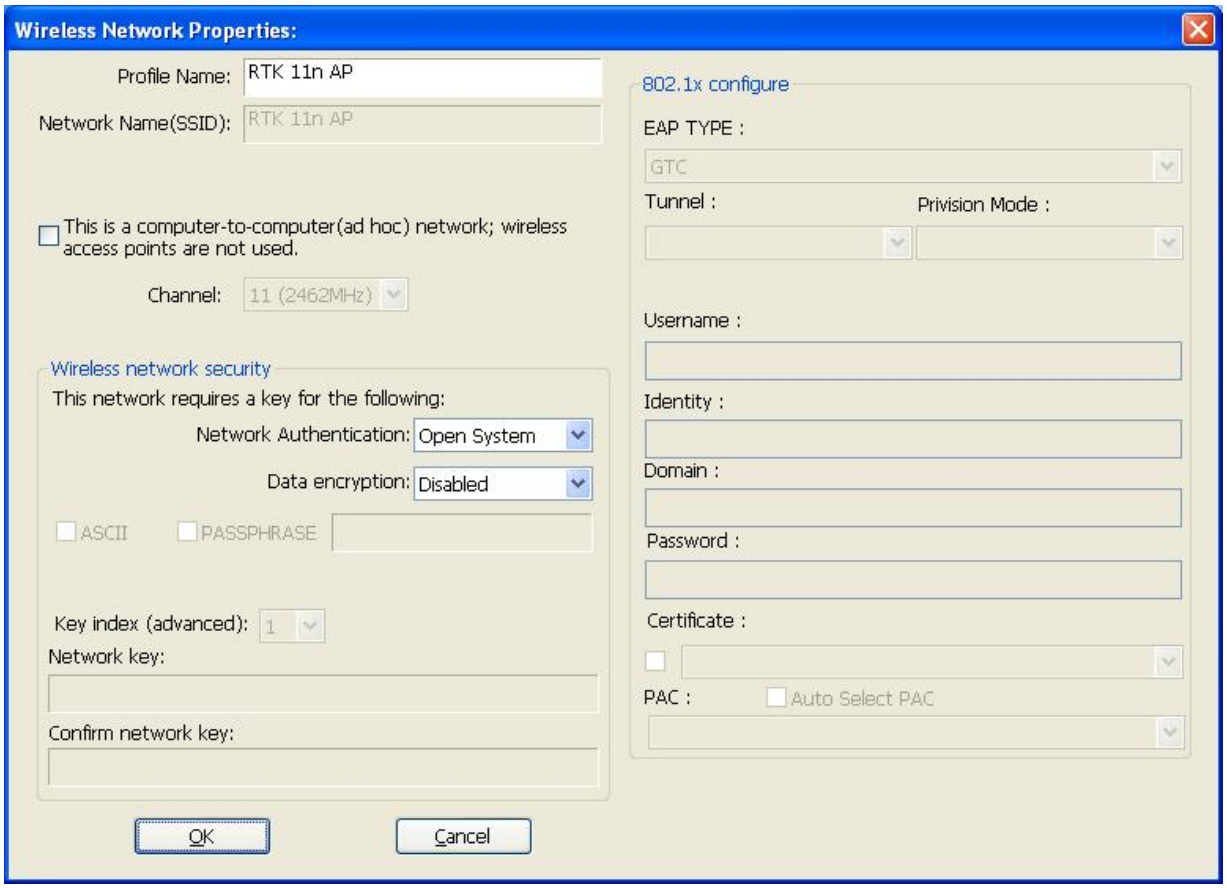


3. Fare clic sul pulsante OK per confermare che è in corso una connessione a una rete wireless non protetta.

Unsecured network
You are connecting to the unsecured network " RTK 11n AP ".
Information sent over this network is not encrypted and might be visible to other people.
OK
Cancel

4. Fare clic su OK per aggiungere la rete alla lista dei profili.

Nota: in questo esempio c'è una rete senza fili non protetta. Se l'utente intende connettersi a un adattatore wireless con protezione di sicurezza, dovrà stabilire la crittografia di questo profilo in modo che sia corrispondente a quella stabilita per l'altro adattatore wireless. Fare clic sulla lista a discesa **"Autenticazione rete"** per selezionare un metodo di autenticazione e poi scegliere il tipo di **"Crittografia dati"**. Compilare tutti gli spazi necessari e cliccare su **"OK"**.

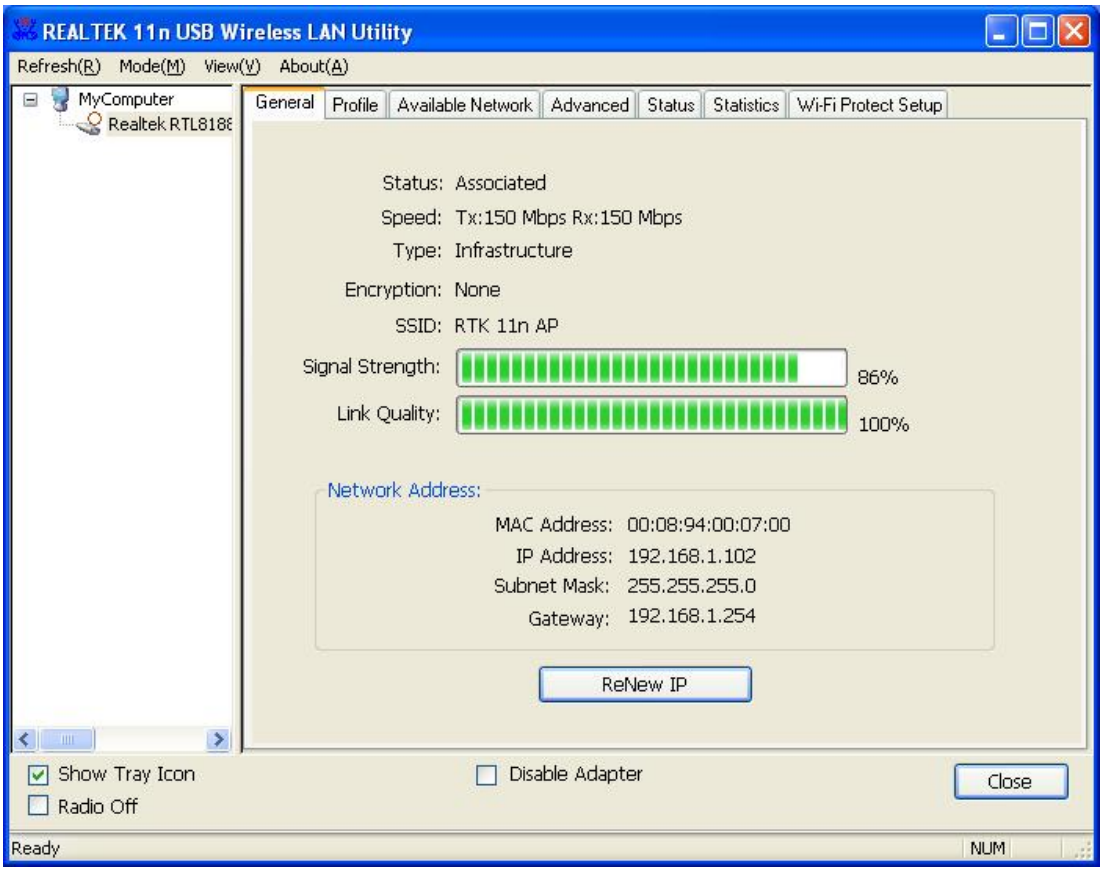


Introduzione alla funzione Wireless LAN

Nota: queste istruzioni si basano sul sistema operativo Windows XP. Alcune funzioni non sono supportate in Windows 98se oppure in Windows ME.

Generale

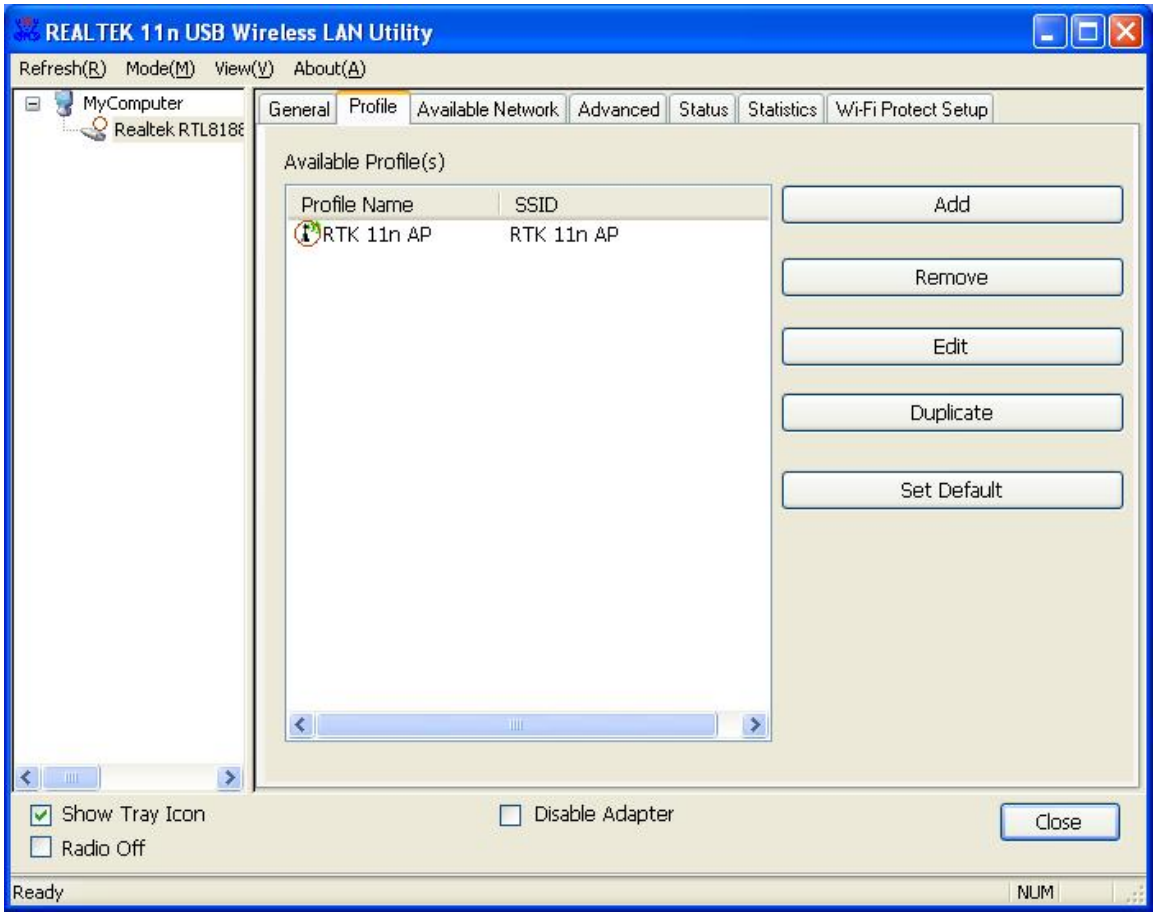
Dopo l'avvio del programma si visualizza la pagina con le informazioni generali. La scheda General fornisce le informazioni sulla connessione di rete wireless attuale. Fare clic sul pulsante Renew per aggiornare le informazioni.



Status:	Controlla se il dispositivo è connesso alla rete.
Speed:	Velocità di connessione attuale
Type:	Modalità Infrastruttura oppure Ad Hoc.
Encryption:	Il modello crittografico per la connessione ai profili di rete attuali.
SSID:	Il codice SSID (nome della rete) della rete senza fili connessa.
Signal Strength:	Indica la forza del segnale rilevato dall'adattatore.
Link Quality	Indica la qualità del collegamento senza fili.
Network Address:	Mostra l'indirizzo IP corrente per questo adattatore.

Profili

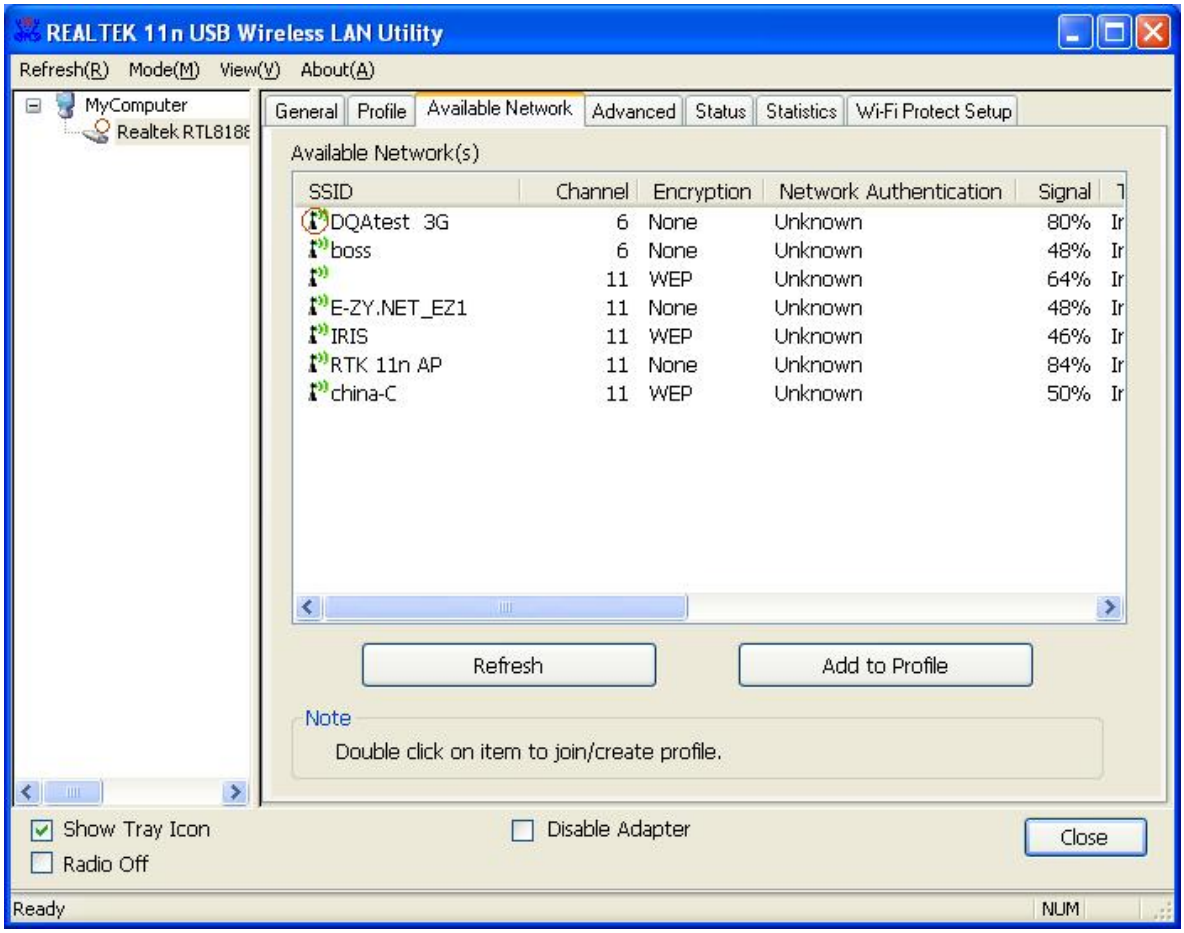
La scheda **Profile** elenca le connessioni preferite. Ciccando sui pulsanti a lato è possibile configurare ogni connessione.



Add	Fare clic su questo pulsante per aggiungere un profilo di connessione all'adattatore.
Remove	Per eliminare un profilo fare clic sul profilo stesso e poi su questo pulsante.
Edit	Per modificare la configurazione di un profilo, cliccare sul profilo stesso nella lista profilo e poi sul pulsante per modificarlo.
Duplicate	Per fare una copia di un profilo, fare clic sul profilo da copiare e poi su questo pulsante.
Set Default	Per selezionare un profilo da attivare come connessione wireless di default, fare clic sul profilo e poi questo pulsante. Anche cliccando due volte su un profilo, quest'ultimo viene considerato come connessione wireless di default.

Rete disponibile

Questa scheda elenca le reti wireless disponibili per questo adattatore.

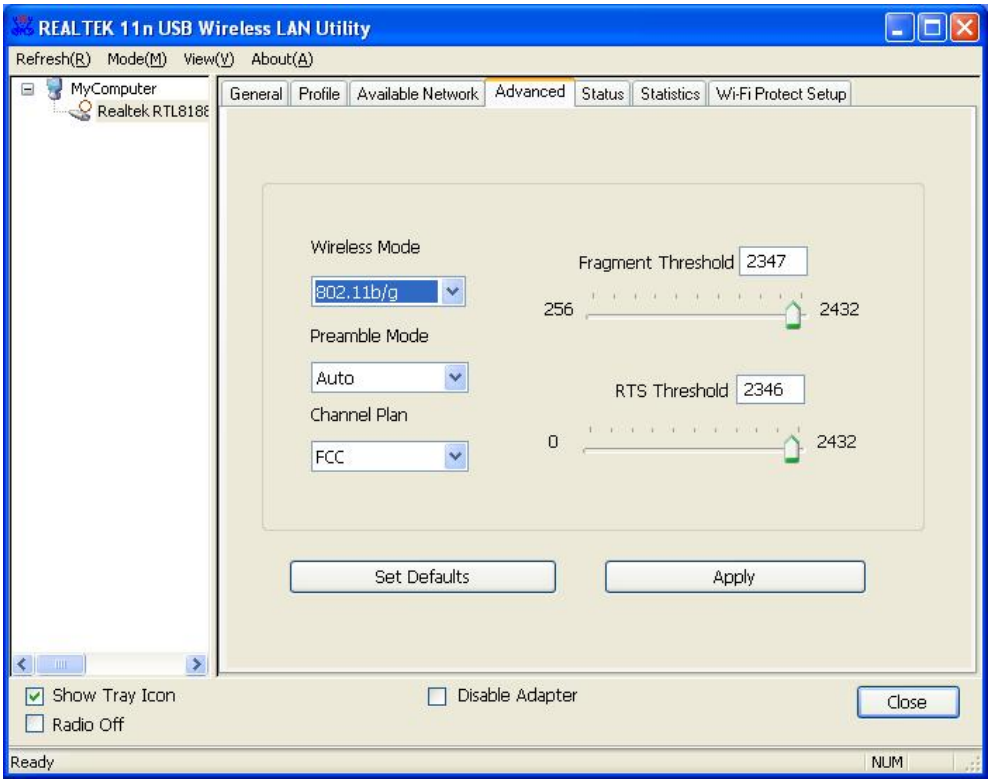


Refresh	Fare clic su questo pulsante per aggiornare le reti senza fili disponibili per l'adattatore.
Add to Profile	Per aggiungere una rete disponibile alla propria lista, selezionarne una e fare clic su questo pulsante.

Avanzate

La scheda Advanced fornisce le impostazioni avanzate per l'adattatore. Per eseguire le modifiche è necessario fare clic sul pulsante **Apply**.

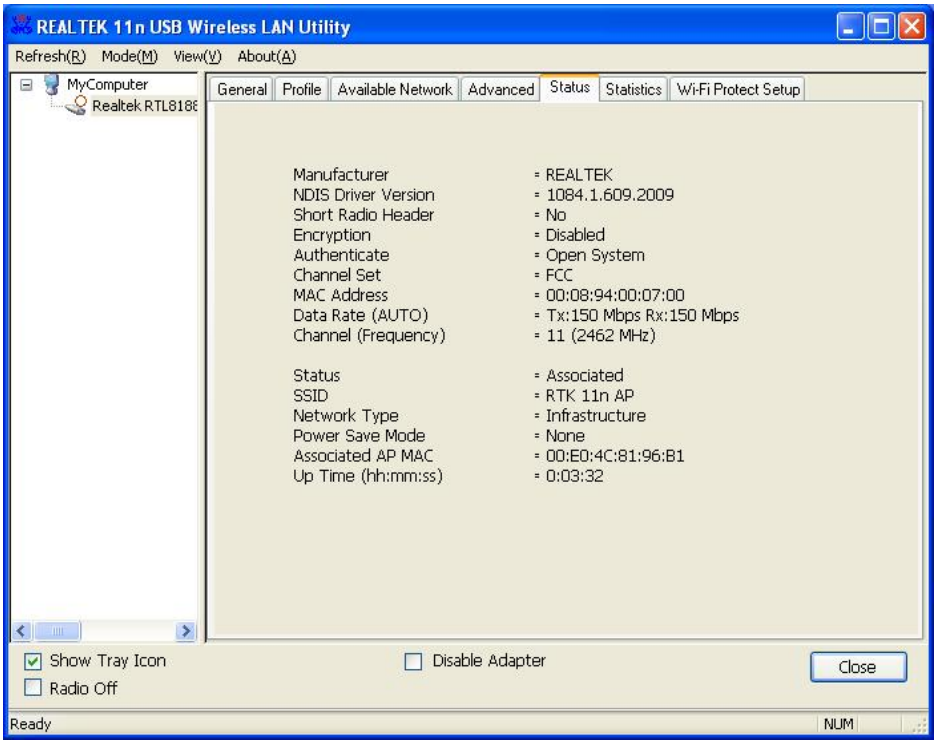
Per ripristinare le impostazioni di default della scheda Advanced, fare clic sul pulsante **Set defaults**.



Power Save	
None	Disattiva la funzione di risparmio energetico.
Min	Minimo consumo energetico
Max	Massimo consumo energetico
Turbo Mode	
OFF	Disattiva la funzione turbo
ON	Attiva la funzione turbo
AUTO	Attiva o disattiva automaticamente la funzione turbo a seconda dell'ambiente operativo
Fragment Threshold	
La dimensione massima di un pacchetto per la segmentazione l'invio. Selezionare una dimensione compresa tra 256 e 2432 (default) byte.	
RTS Threshold	
Selezionare la soglia RTS da 0 a 2432 (default)	
Wireless Mode	
802.11g/b	Connessione alla rete a 802.11b/g (2.4GHz/54Mbps)
802.11b	Connessione alla rete a 802.11b (2.4GHz/11Mbps)
802.11n	Connetti a una rete 802.11n (2.4GHz/150Mbps)
Preamble Mode	
Impostare la modalità preambolo selezionando tra lungo, breve oppure auto-rilevamento.	
Canale Piano	
Selezionare il canale dalla lista drop. Si prega di notare che è necessario selezionare un canale corretto. Selezione un canale non corretto può essere non conforme alle normative di legge vigenti.	

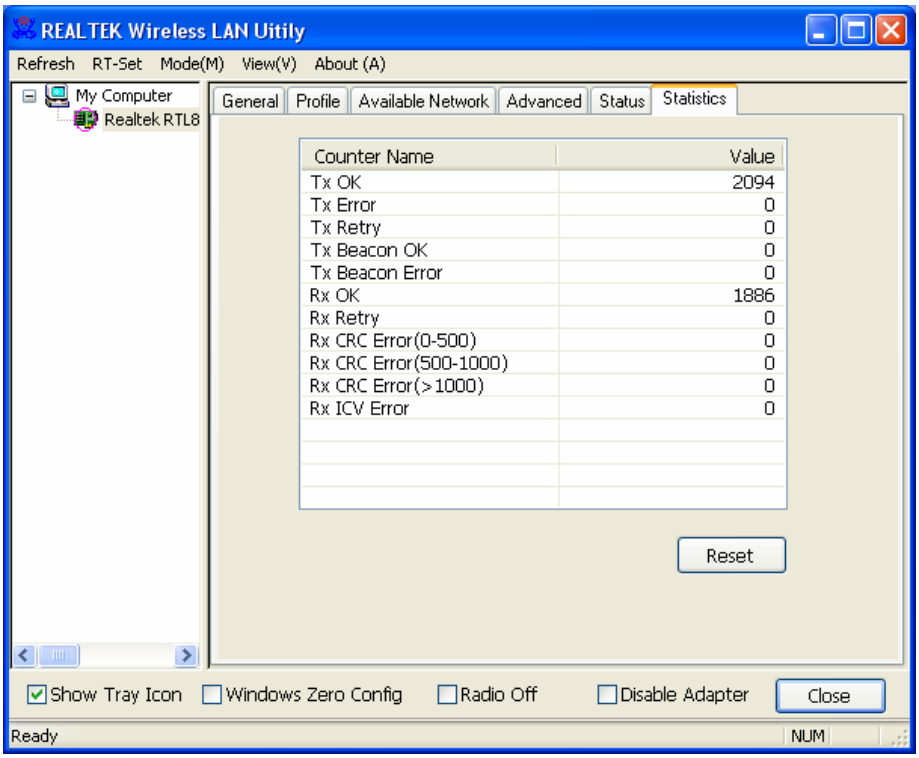
Status

Questa scheda mostra lo stato di connessione dell'adattatore attuale.



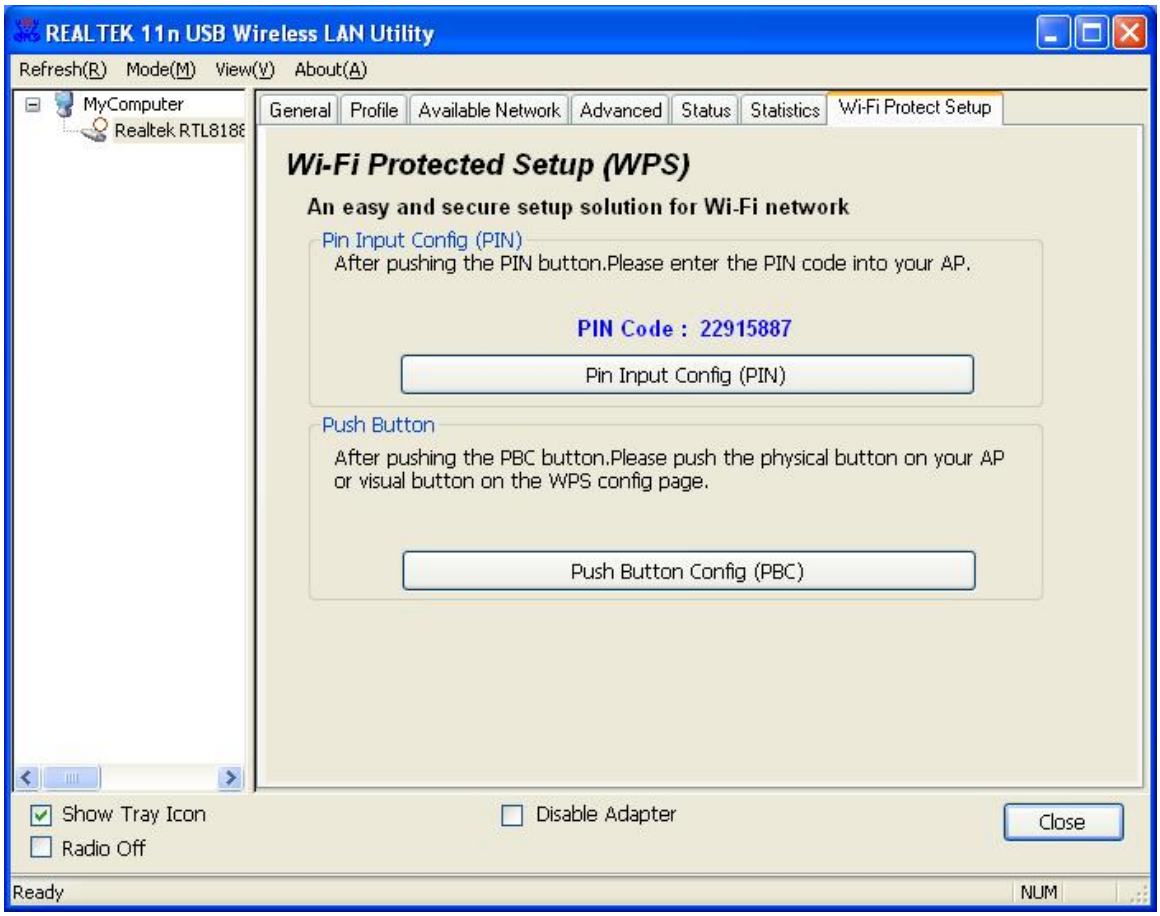
Statistiche

Questa scheda indica le statistiche relative ai dati trasmessi. Fare clic **"Reset"** per riportare il conteggio a zero.



Wi-Fi Protect Setup

L'obiettivo primario di Wi-Fi Protected Setup (Wi-Fi Configurazione semplice) è quello di semplificare la configurazione e la gestione della sicurezza delle reti Wi-Fi. Questo adattatore supporta l'installazione di configurazione, utilizzando il metodo di configurazione PIN o il metodo di configurazione PBC. Se la scheda wireless supporta la Wi-Fi Protected Setup (WPS), è possibile stabilire una connessione wireless tra il router e la scheda di rete wireless utilizzando il metodo Push Button Configuration (PBC) o metodo PIN.



Di seguito verranno introdotti due modi per configurare il QSS

(QSS è noto come l' impostazioni di protezione rapida, premendo il router wireless e scheda wireless sul pulsante QSS per impostare automaticamente il livello WPA2 di connessione sicura senza utilizzare il software di gestione del router o l'adattatore di rete, semplificando notevolmente le procedure d' impostazioni di sicurezza wireless.)

Codice Pin: 8 cifre. E 'generato casualmente dal sistema

1. **Metodo PIN**

Fare clic sul pulsante "Pin Input Config (PIN)", e aspettare che appaia le seguente icona.

Cliccare sul pulsante "Sì" e selezionare uno degli AP.

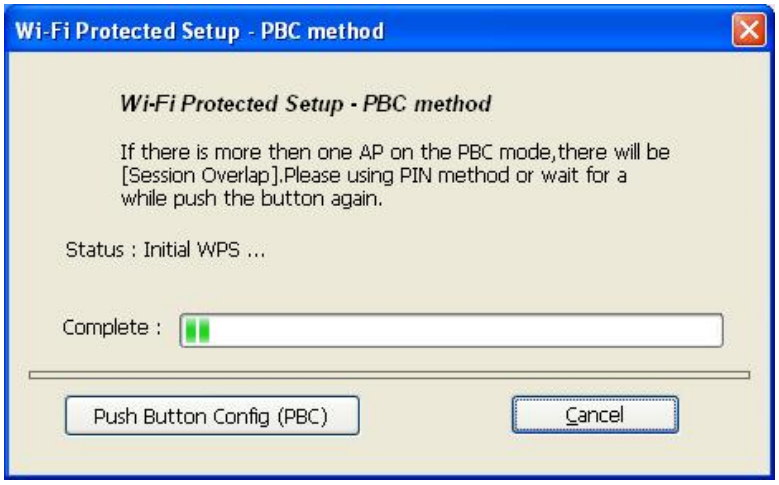
In questa figura, è possibile utilizzare questi pulsanti "Aggiorna / Seleziona / Annulla". Selezionare il nome di un AP, quindi fare clic sul pulsante "Seleziona". È possibile utilizzare il metodo PIN per configurare il QSS.

Wi-Fi Protected Setup - PIN method
Wi-Fi Protected Setup - PIN method
Please enter the following PIN code into your AP .
PIN Code : 92595736
Status : Initial WPS ...
Cancel

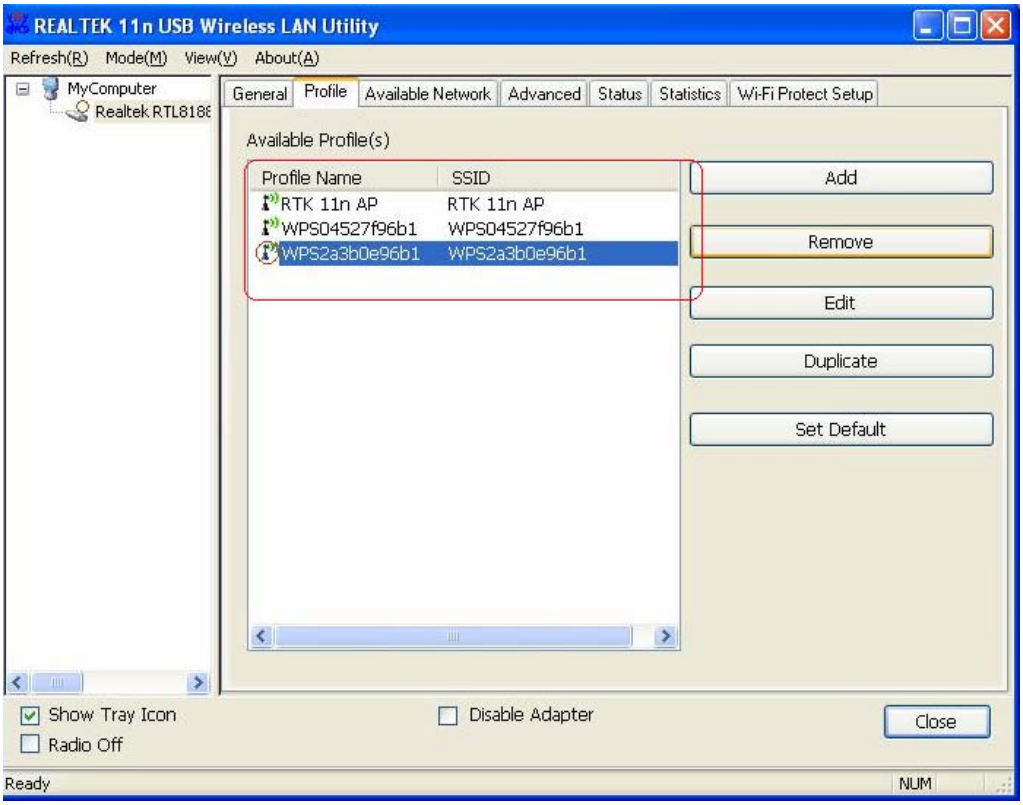
Fare doppio clic sull'icona del browser Internet sul vostro desktop. Digitare l'indirizzo IP del router / AP selezionato nella barra URL e premere Invio, e entrare nel pannello di configurazione.
Accedere al pannello di configurazione WPS (Wi-Fi), digitare il codice PIN della scheda e fare clic sul pulsante conferma per la costruzione di una connessione WPS.

2. **Metodo PBC (Push Button Configuration)**

Dopo aver premuto il tasto PBC, si prega di premere il pulsante fisico sul vostro AP o il pulsante virtuale sulla pagina di configurazione WPS, quindi si giunge alla figura seguente.


Wi-Fi Protected Setup - PBC method
Wi-Fi Protected Setup - PBC method
If there is more then one AP on the PBC mode,there will be [Session Overlap].Please using PIN method or wait for a while push the button again.
Status : Initial WPS ...
Complete :
Push Button Config (PBC)
Cancel

Inserisci il WPS (Wi-Fi) pagina di configurazione del router desiderata / AP, e quindi avviare al connessione. Quando PCB WPS è configurato correttamente, il profilo a disposizione è cambiato.



APPENDICE

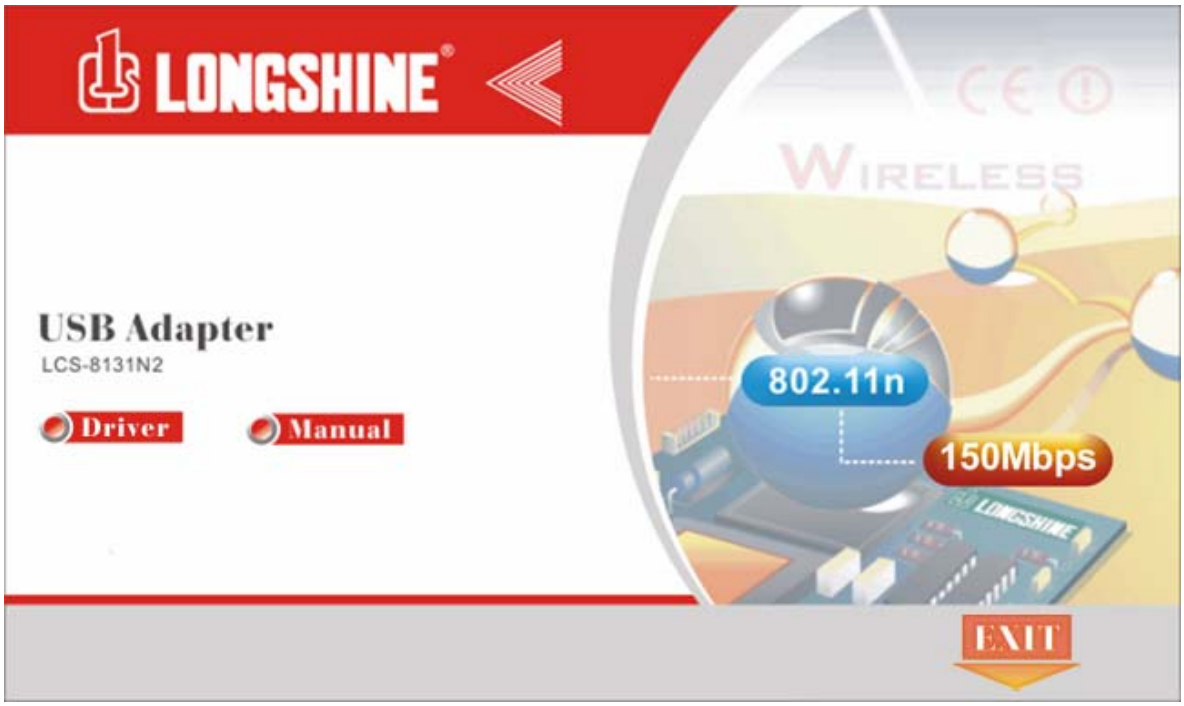
Installazione driver per Windows Vista

Nota: la seguente guida di installazione del driver si basa sul sistema operativo Windows XP. Le procedure e le schermate dei sistemi operativi Windows 98se e 2000 sono simili a quelle di Windows XP.

1. Estrarre il cavo di alimentazione del computer dalla presa. Rimuovere il coperchio del computer.
2. Collegare l'adattatore a una presa PCI, a uno slot PCMCIA oppure a una porta USB.
3. Compare la finestra "Trovato nuovo hardware". (**Nota:** questo assistente non comparirà in Windows 98 e ME. Il sistema trova il nuovo hardware e lo installa automaticamente. Tralasciare i passaggi successivi e riavviare il sistema dopo l'installazione).
4. Fare clic su Annulla, ed eseguire il programma di installazione guidata sul CD-ROM..

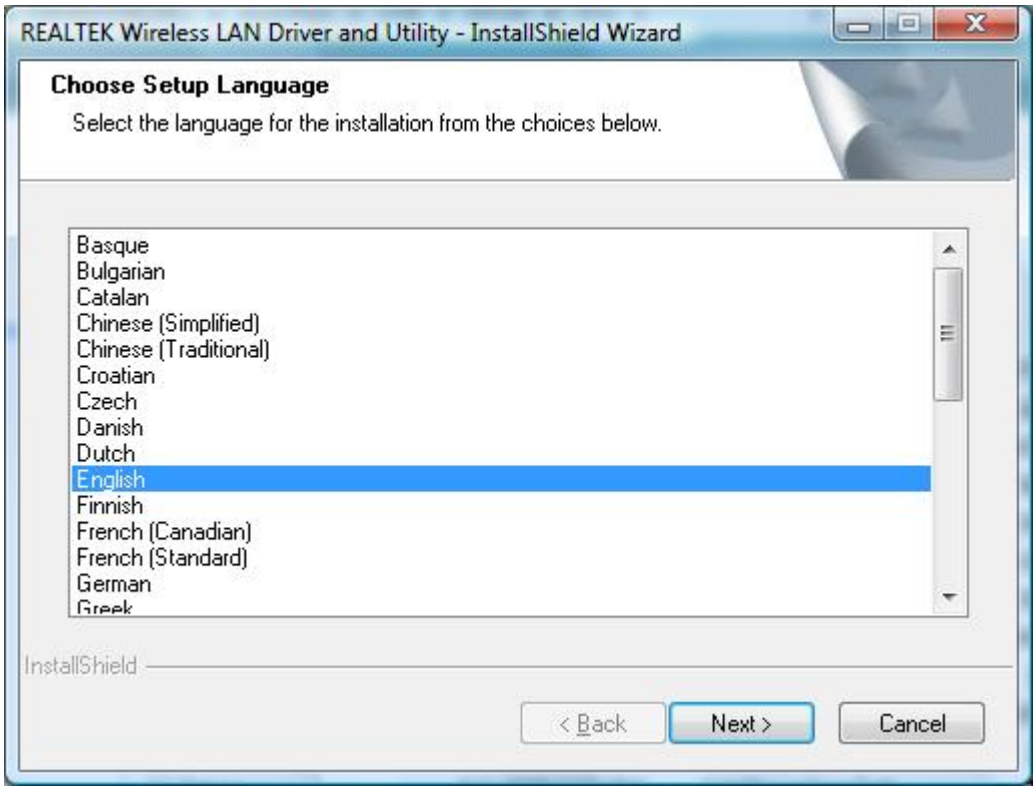
Found New Hardware
Windows needs to install driver software for your RTL8188S WLAN Adapter
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

Inserire il CD in dotazione nell'unità CD Rom. Compare automaticamente la finestra del menu. Fare clic sul pulsante **"Driver-WIN"** del prodotto.

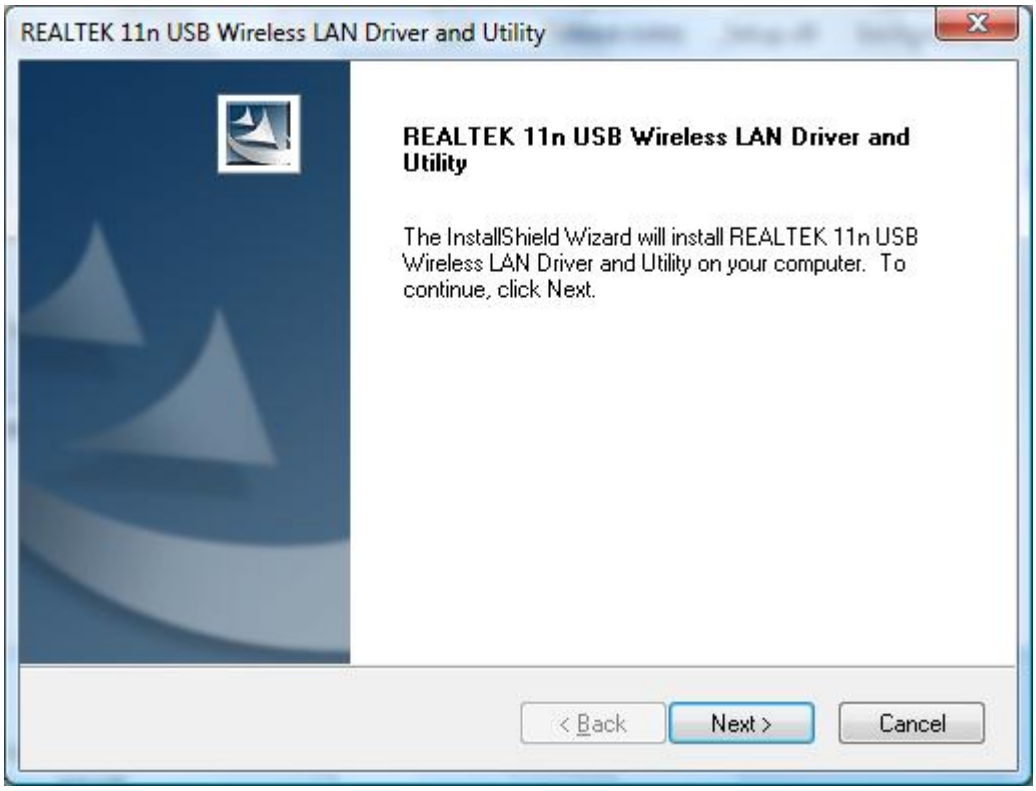


Nota: se il CD non si apre automaticamente, fare clic su "**Risorse del computer**"→ **Unità DVD-RW** poi fare clic due volte su "**Setup"** per avviare il menu.

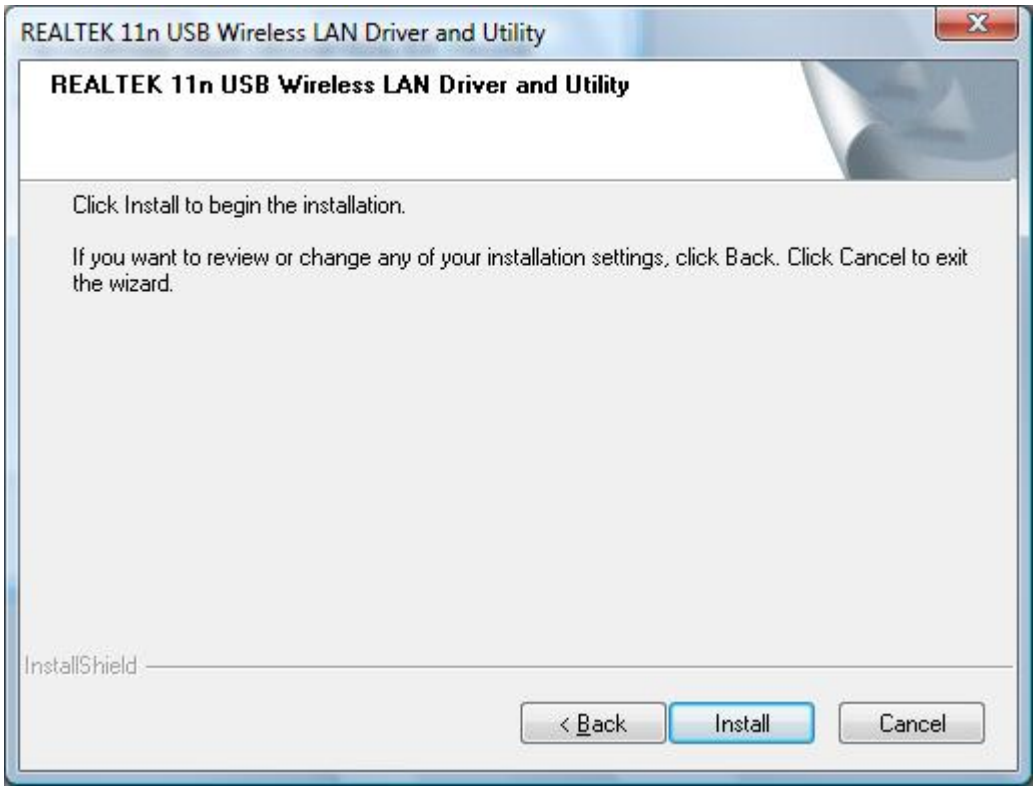
5. Compare la finestra di selezione della lingua. Selezionare la lingua che si vuole utilizzare e fare clic su **Continua**.



6. Compare la finestra iniziale. Fare clic sul pulsante **“Continua”** per procedere.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

7. Fare clic sul pulsante "Installa" per avviare l'installazione

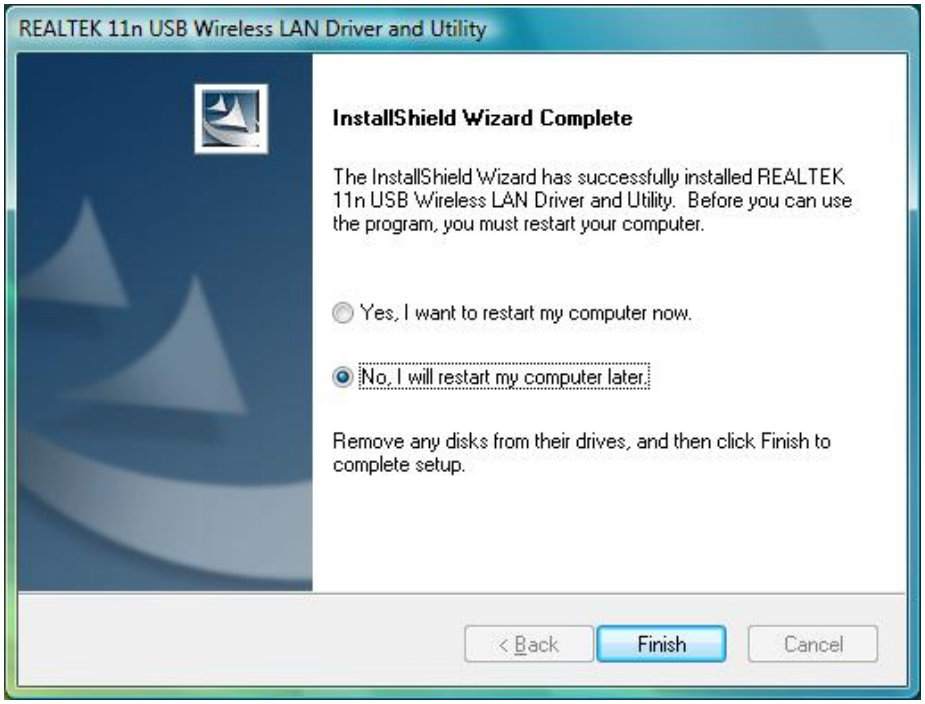

REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

8. Durante l'installazione potrebbe comparire la finestra di verifica del logo Windows. In questo caso premere "**Install this driver software anyway**" per proseguire comunque l'operazione.

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

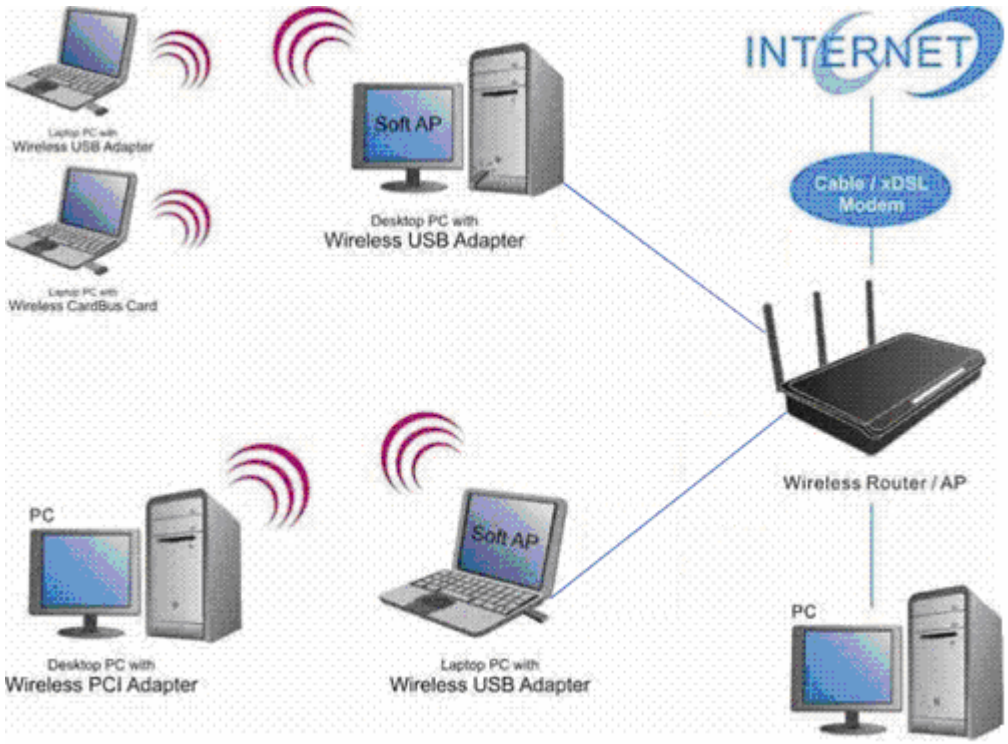
9. Attendere prima di effettuare l'installazione

10. Per utenti Windows XP e 2000 si prega di spegnere il computer. Se si utilizza Windows 98SE o ME, il sistema può chiedere di riavviare il computer. Si prega di selezionare **"No, riavviare il computer in seguito"** e quindi spegnere il computer. Fare clic su "Fine" per completare l'installazione del driver e utility.


REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Gestione modalità AP

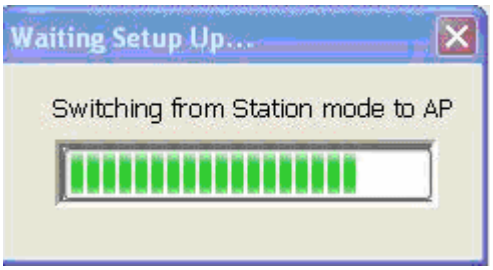
Software Access Point (AP Soft) Applicazione:



Generale

Per utilizzare questa scheda come un punto di accesso, fare clic sul "Mode" nel menu funzionali e selezionare "Access Point".

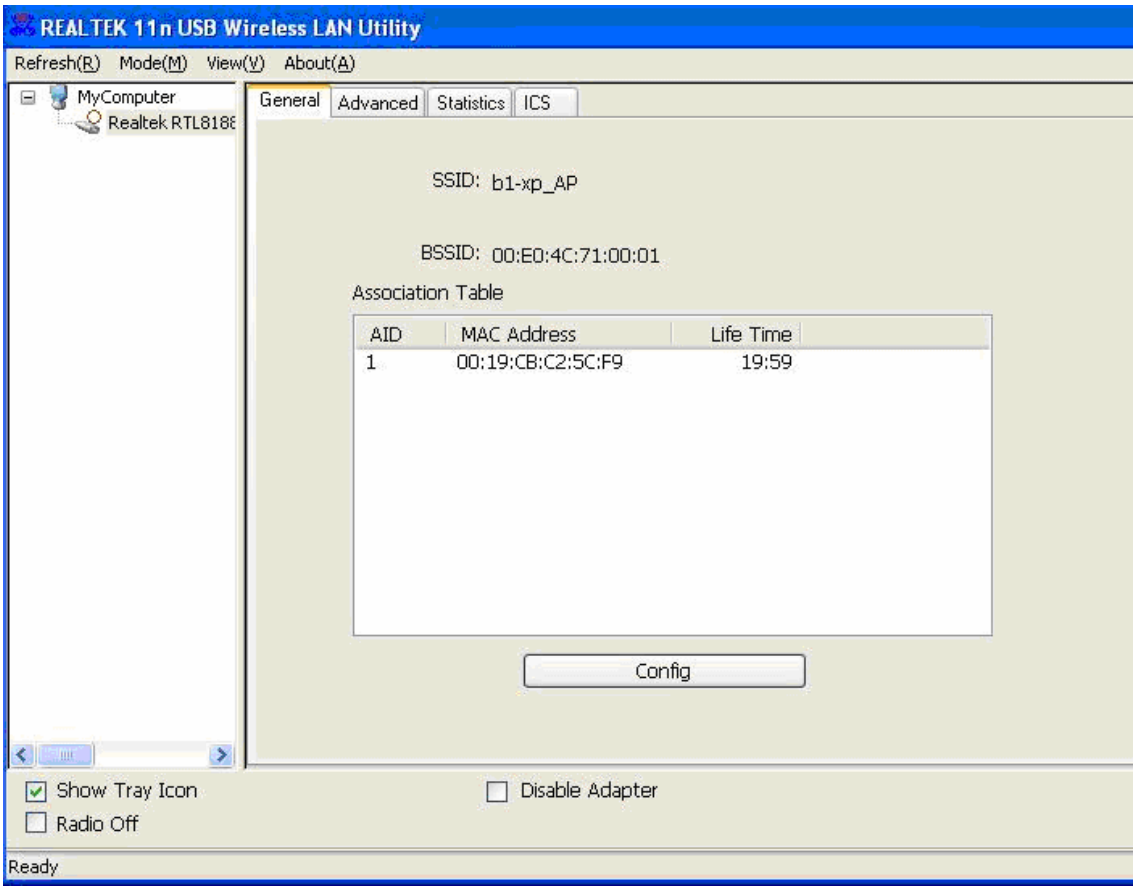
Quindi si passa dalla modalità stazione di AP:



Allo stesso tempo, vi accorgerete che l'icona nella system tray è cambiata.

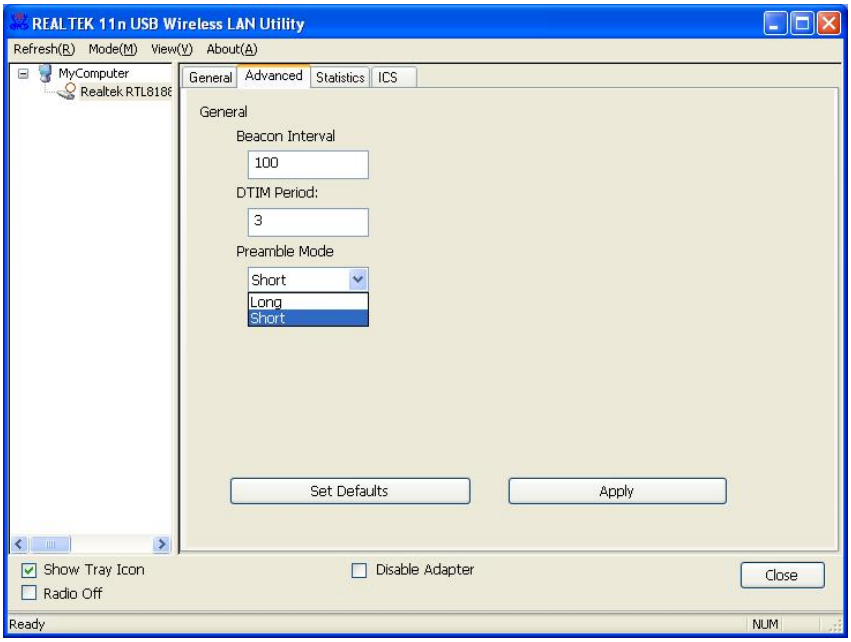
Dopo la configurazione dell'adattatore in modalità AP, la scheda "**General**" indica le informazioni generali riguardanti il punto d'accesso.

SSID:	Il codice SSID (nome della rete) della rete wireless basata sull'AP.
BSSID:	Indirizzo MAC dell'AP
Config:	Fare clic sul pulsante per modificare la configurazione dell'AP
Association Table:	Indica le informazioni riguardanti i dispositivi abbinati all'AP, inclusi gli indirizzi MAC e il tempo di collegamento con il dispositivo.



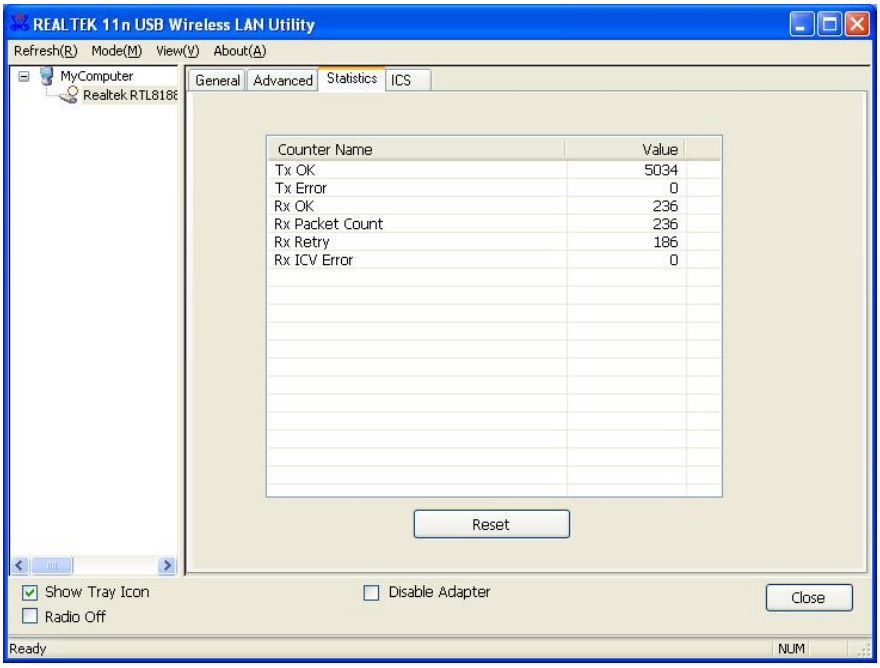
Avanzate

Beacon Interval:	Definisce l'intervallo beacon tra 20~1000
DTIM Period:	Imposta il periodo DTIM tra 1~255
Preamble Mode:	Fare clic sulla lista a discesa per selezionare il preambolo: lungo, breve oppure auto
Set Defaults:	Fare clic sul pulsante per ripristinare le impostazioni ai valori di default
Apply:	Fare clic sul pulsante per eseguire le modifiche.



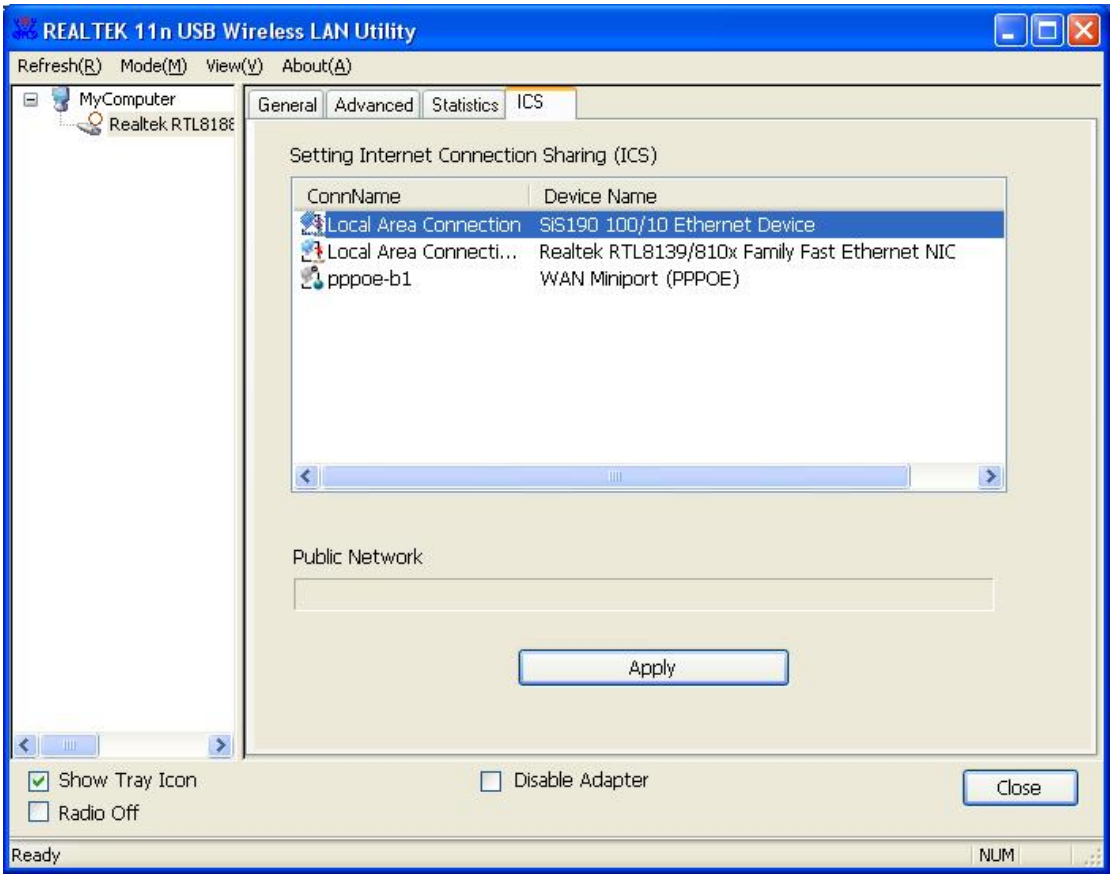
Statistiche

Questa scheda indica l'attività di trasmissione dati. Fare clic sul pulsante **"Reset"** per riconteggiare i valori a partire da zero.



ICS

Questa scheda consente agli utenti di selezionare l'adattatore per la connessione alla rete pubblica. Fare clic sul dispositivo che si utilizza per collegarsi alla rete pubblica, infine sul pulsante "Apply" per l'esecuzione.



DATI TECNICI

Standard
IEEE 802.11n bozza 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u
Interfaccia
USB 2.0
Sicurezza
64/128-bit WEP, WPA (TKIP con IEEE 802.1x), AES
Sensibilità del ricevitore
802.11n tipici -68 dBm
802.11g tipici -73 dBm
802.11b tipici -84 dBm
Canale
USA 11, Europa 13, Giappone 14
Velocità di trasmissione
802.11b: 1, 2, 5.5 e 11Mbps
802.11g: 6, 9, 12, 18, 24, 36, 48, e 54Mbps
802.11n: fino a 150 Mbps
Potenza di trasmissione
16 dBm in genere @ 802.11b
14 dBm in genere @ 802.11g
13 dBm in genere @ 802.11n
Raggio di azione
Interno 35~100 metri
Esterno 100~300 metri
Indicatore LED
Link(Green)
Temperatura operativa
0- 40 ^{0}C (32 – 104 ^{0}F)
Umidità operativa
10% ~ 90% (senza condensa)
Emissioni
FCC Classe B, CE, VCCI Classe B

Manual del usuario

Adaptador USB
inalámbrico IEEE 802.11n Draft 2.0

Certificaciones de la FCC

Declaración de interferencias de la Comisión Federal de Comunicaciones

Se ha comprobado que este aparato cumple los límites para dispositivos digitales de clase B, de conformidad con el apartado 15 de las normas de la FCC. Dichos límites han sido diseñados para proporcionar una protección razonable contra interferencias dañinas en instalaciones residenciales. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia, y si no se instala y se utiliza de acuerdo con este manual de instrucciones puede ocasionar interferencias dañinas en las comunicaciones por radio. No obstante, no existe garantía de que no se produzcan interferencias en una instalación en particular. Si este aparato produce interferencias dañinas en la recepción de radio o televisión, cosa que se puede detectar encendiendo y apagando el aparato, se recomienda al usuario que las intente corregir mediante uno o más de los siguientes procedimientos:

- Cambiar la orientación de la antena receptora o cambiarla de lugar.

- Aumentar la distancia entre el equipo y el receptor.

- Conectar el equipo a una toma de corriente de un circuito distinto al que está conectado el receptor.

- Consultar al distribuidor o a un técnico de radio y televisión competente.

Este aparato cumple el apartado 15 de las normas de la FCC. Su uso está sujeto a las dos condiciones siguientes: (1) este aparato no puede ocasionar interferencias dañinas, y (2) este aparato debe aceptar cualquier interferencia que reciba, incluidas aquellas que puedan causar un funcionamiento no deseado.

Advertencia de la FCC: cualquier modificación o cambio no aprobado expresamente por la parte responsable de la conformidad puede anular el derecho del usuario a utilizar el aparato.

NOTA IMPORTANTE:
Declaración de la FCC sobre exposición a radiación:

Este equipo cumple los límites de exposición a radiación de la FCC establecidos para entornos no controlados; debe ser instalado de forma que quede una distancia mínima de 20 cm entre el radiador y el cuerpo del usuario.

Este transmisor no debe ser colocado junto a cualquier otra antena o transmisor ni debe funcionar simultáneamente con ellos.

Advertencia de Marca de la CE

Este equipo cumple los requisitos relativos a la compatibilidad electromagnética, EN 55022 clase B para ITE, el requisito de protección esencial de la Directiva del Consejo 2004/108/EC sobre la aproximación de las leyes de los Estados Miembros relativas a la compatibilidad electromagnética.

La empresa tiene una política de mejora permanente de sus productos y puede ser posible que la información de este documento no esté actualizada. Rogamos compruebe con sus distribuidores locales la información más reciente. Ninguna parte de este documento puede copiarse o reproducirse en forma alguna sin el consentimiento por escrito de la empresa.

Marcas registradas:

Todos los nombres de marcas y marcas registradas son propiedad de sus respectivas empresas.

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DESCRIPCIÓN GENERAL

Gracias por la compra de este producto. Lea este capítulo para conocer su Adaptador inalámbrico IEEE 802.11n.

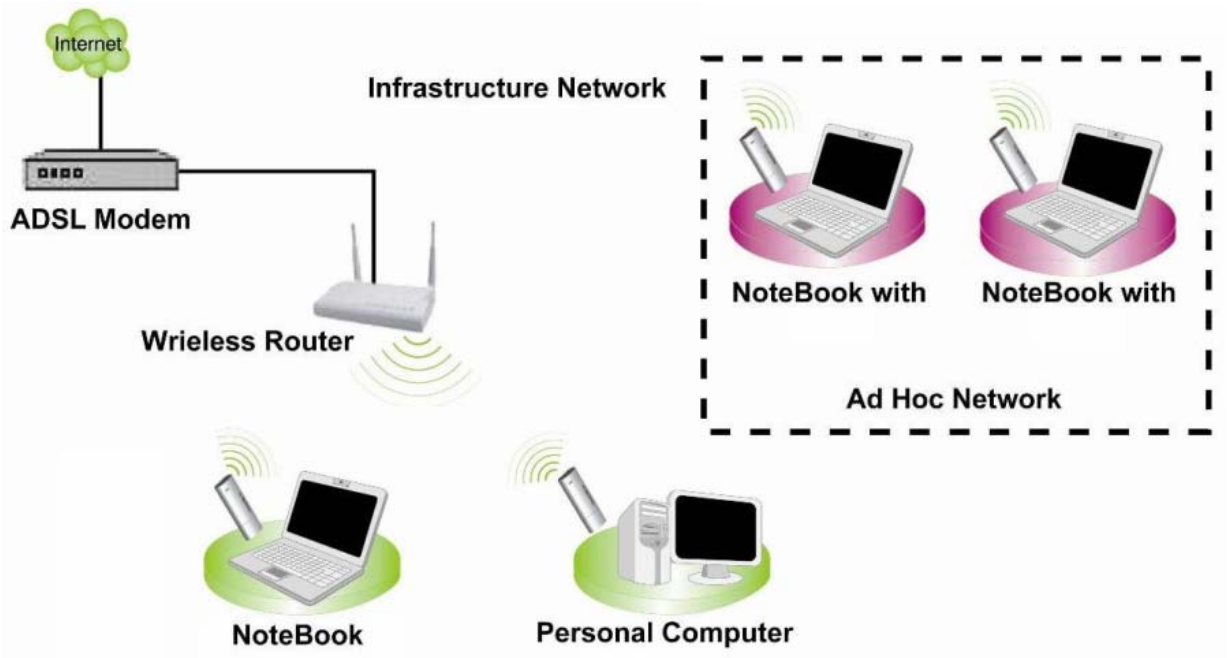
Información de desembalaje

Antes de empezar, compruebe que su paquete incluye los siguientes elementos:

1. Adaptador inalámbrico IEEE 802.11n
2. Un CD de Utilidad /Manual

Introducción al Adaptador inalámbrico IEEE 802.11n

El Adaptador inalámbrico IEEE 802.11n permite a los usuarios lanzar una red inalámbrica IEEE 802.11n a 150 Mbps en la frecuencia de 2,4 GHz, que es también compatible con dispositivos inalámbricos IEEE 802.11b/g. Puede configurar este adaptador con el modo ad-hoc para conectar con otros ordenadores inalámbricos de 2,4 GHz o con el modo infraestructura para conectar con un AP o un router inalámbrico para acceder a internet. Este adaptador incluye una Utilidad cómoda para explorar las redes disponibles y guardar las redes preferidas a las cuales los usuarios se conectan usualmente. La encriptación de seguridad también puede configurarse mediante esta utilidad.



Características clave

- Cumple la norma inalámbrica IEEE 802.11b/g/n
- Velocidad de transferencia de datos hasta 150Mbps
- Soporta "QoS Enhancement" (WMM, WMM-PS Client mode)
- Soporta "Frame aggregation", Modo de ahorro de energía y Administración y Coexistencia de canales.
- Soporta utilidades de auto instalación y diagnóstico.
- Soporta encriptación de datos inalámbrico con WEP 64/128 bit, WPA (TKIP con IEEE 802.1x) y funciones AES.

GUÍA DE INSTALACIÓN

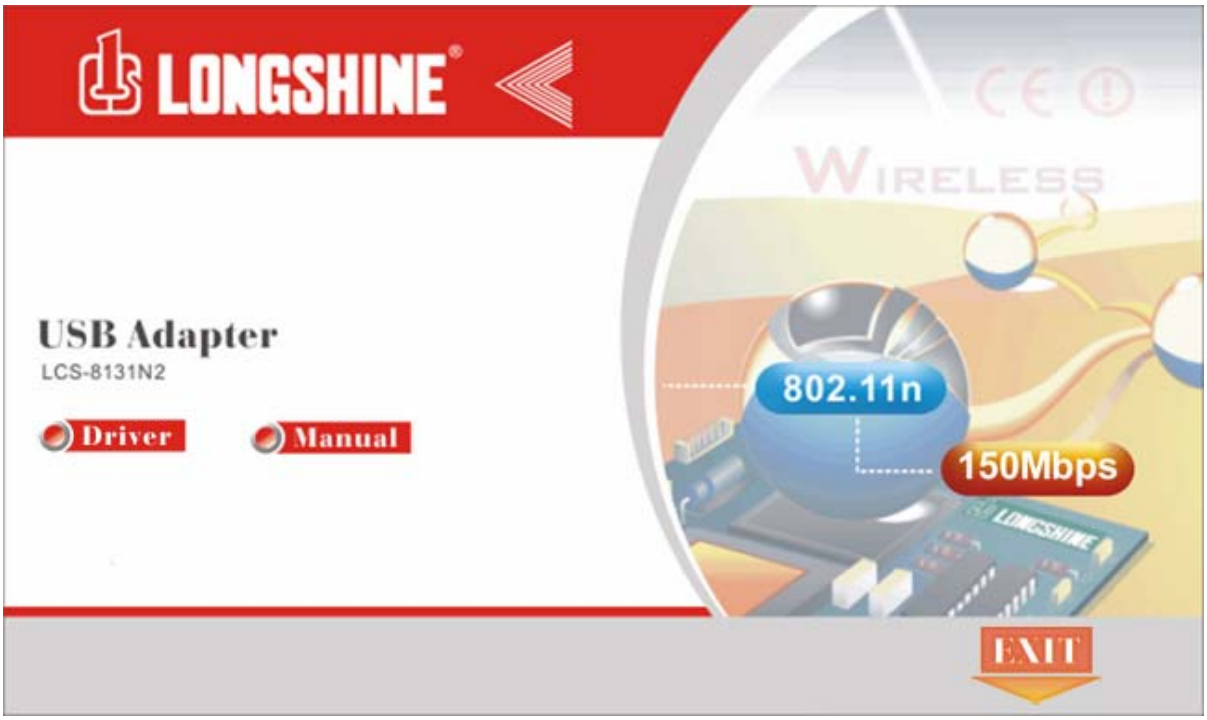
Instalación

Nota: La siguiente guía de instalación del controlador utiliza Windows XP como sistema operativo supuesto. Los procedimientos y pantallas en Windows 98se y 2000 son similares a las de Windows XP.

1. Desenchufe el cable de alimentación del ordenador de la toma de corriente. Quite la tapa del ordenador.
2. Instale el adaptador en una toma PCI, una ranura PCMIA o un puerto USB.
3. Aparece la ventana "Found New Hardware Wizard" (Asistente de Encontrado Nuevo Hardware). (**Nota:** El asistente no aparecerá en Windows 98 y ME. El sistema encuentra el nuevo hardware y lo instala automáticamente. Omita los siguientes pasos y reinicie el sistema después de la instalación).
4. clic en el botón **"Cancel"**.

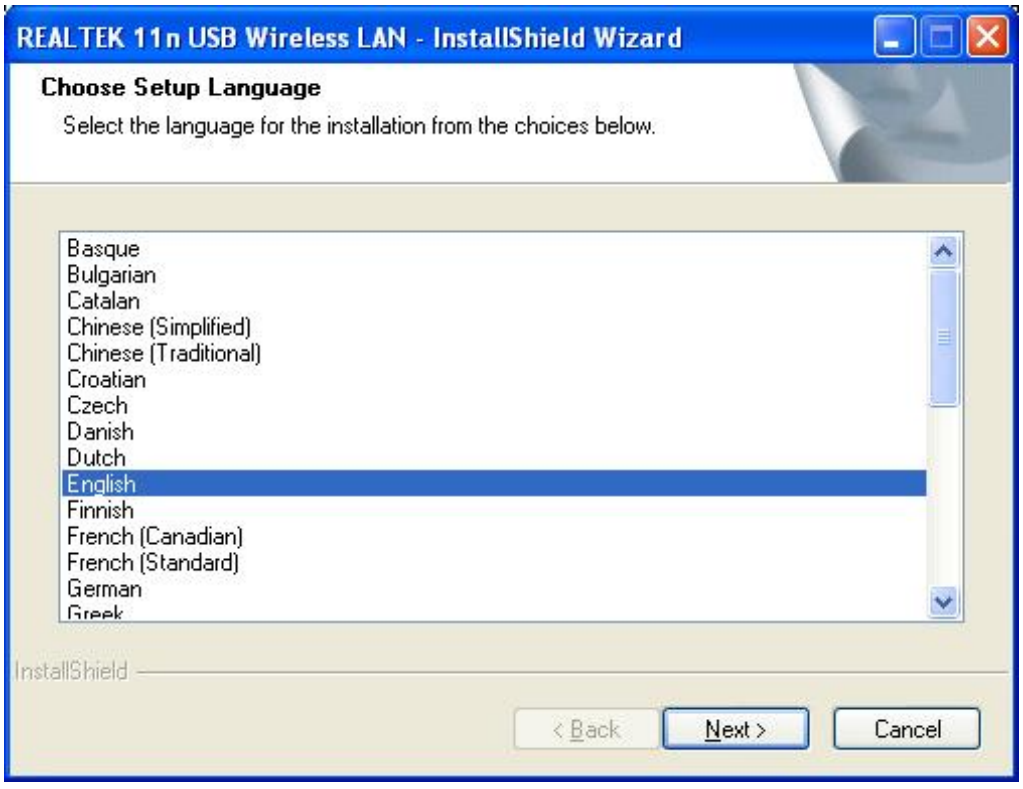
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

Inserte el CD-Rom que viene con este producto en la unidad de CD-Rom. Aparece automáticamente la ventana del menú. Haga clic en el botón **"Driver-WIN"** (controlador) de este producto.

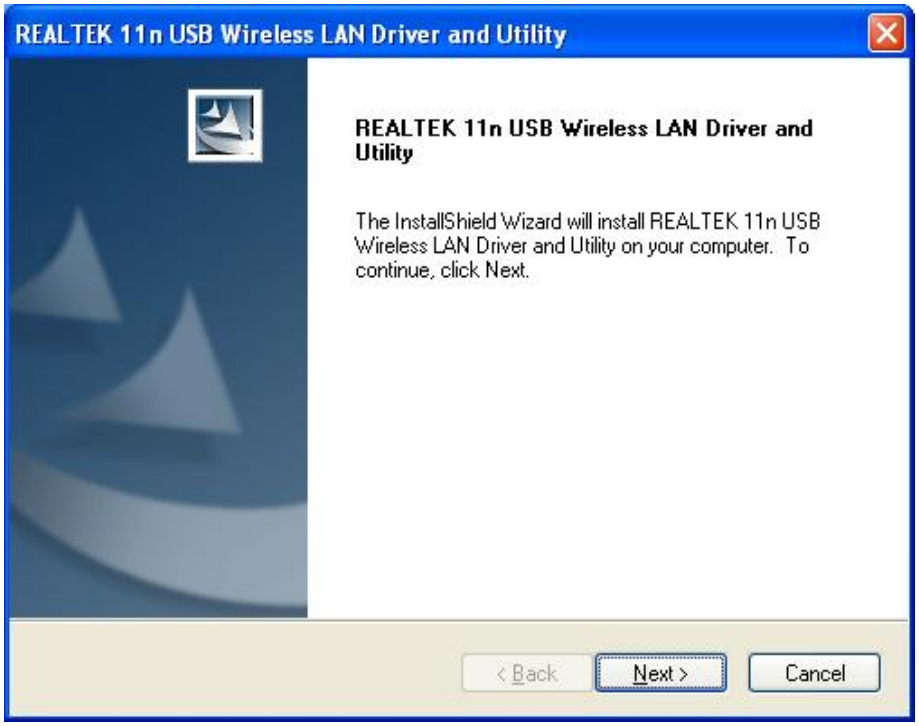


Nota: Si el CD-Rom no realiza el auto-arranque, haga clic en **"My Computer"→ your CD-Rom Drive** y después haga doble clic en el icono **"Setup"** para iniciar este menú.

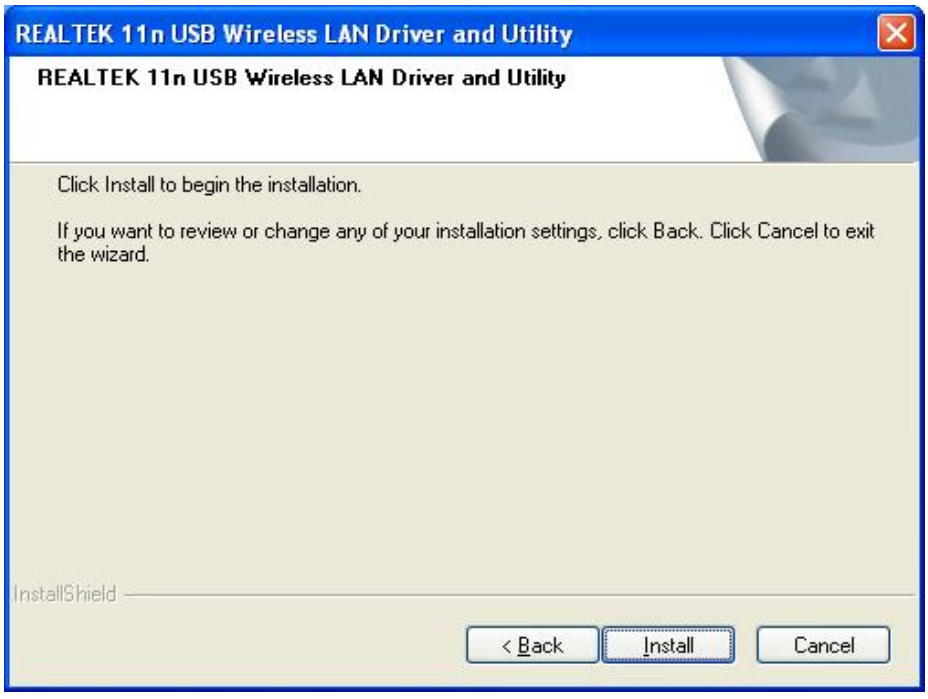
5. Aparece la ventana del menú de selección del idioma. Seleccione el idioma que desee y haga clic en **Next**.



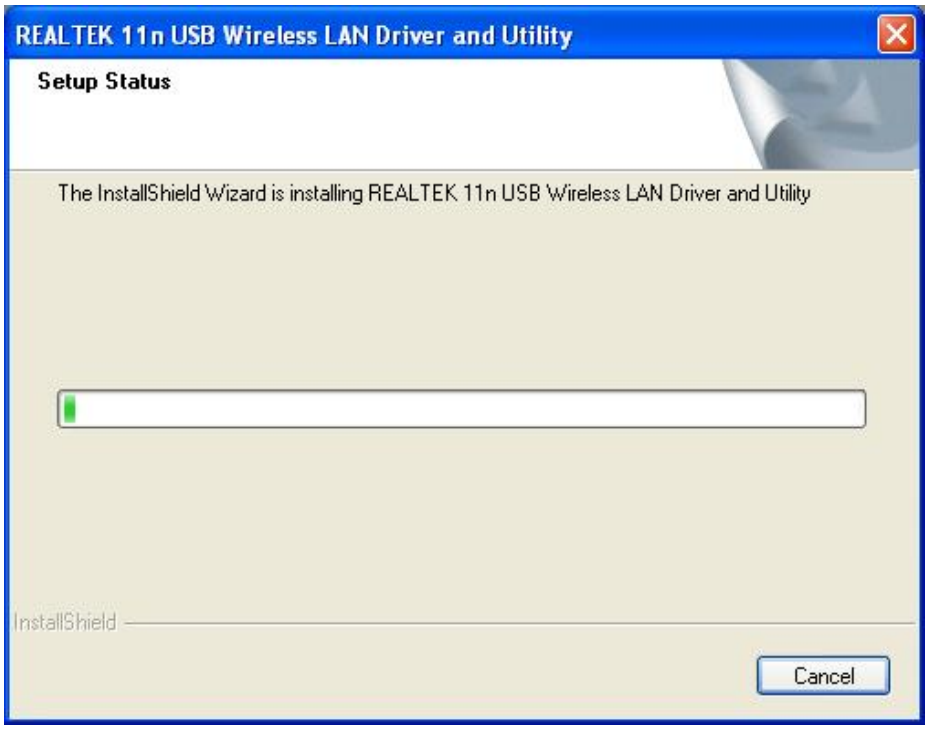
6. Aparece la ventana de bienvenida. Haga clic en el botón **"Next"** para proceder.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

7. Haga clic en el botón "Install" para comenzar la instalación


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

8. Espere mientras dura la instalación.


REALTEK 11n USB Wireless LAN Driver and Utility
Setup Status
The InstallShield Wizard is installing REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield
Cancel

9. Puede aparecer esta ventana de advertencia de prueba de Windows Logo después de la instalación. Haga clic en "**Continue Anyway**" para continuar.

Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Hardware Installation
The software you are installing for this hardware:
Realtek RTL8188SU Wireless LAN 802.11n USB 2.0 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

10. Por favor espere mientras la instalación esta en progreso.

11. Usuarios de Windows XP y 2000 necesitan reiniciar el PC. Si está utilizando Windows 98se o ME, el propio sistema lo pedirá, pero por favor seleccione **"No, reiniciaré mi Ordenador más tarde."** y seguido reinicie su PC a mano. Haga clic en el botón **"Finish"** para finalizar la instalación del driver y de las utilidades.

REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

GUÍA DE GESTIÓN

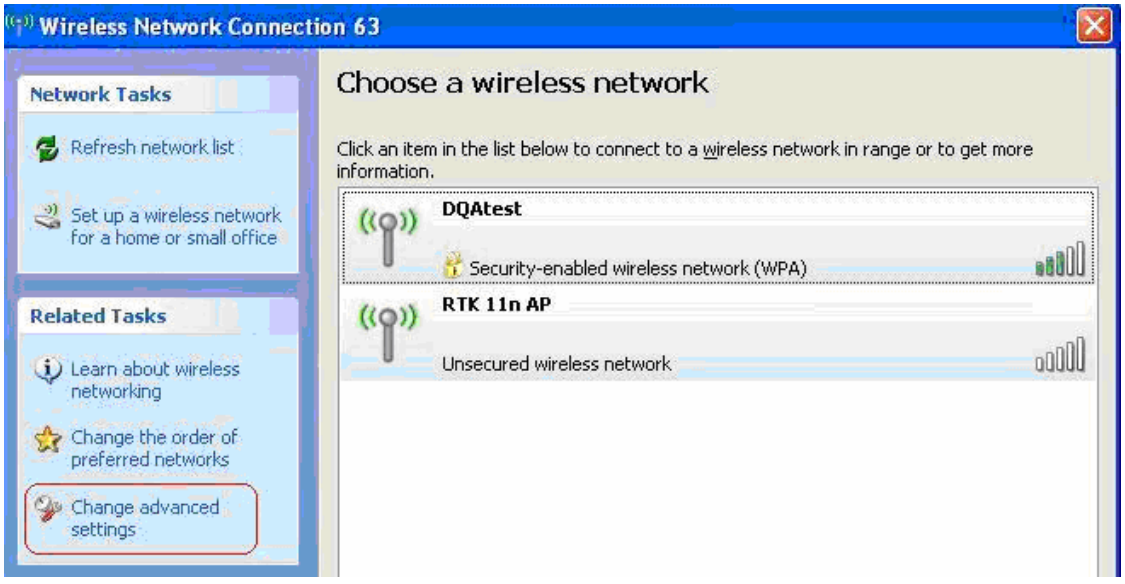
Lea este capítulo para comprender la interfaz de gestión del dispositivo y cómo gestionar el dispositivo.

Realización de una conexión de red básica

Conexión con Microsoft Zero Configuration herramienta

Para configurar su conexión inalámbrica con la utilidad Microsoft Zero Configuration haga clic con el botón derecho en el icono de la barra de sistema. Seleccione "View Available Wireless Networks" para ver las redes disponibles.

La utilidad muestra las redes disponibles. Seleccione la red a la que quiere conectar. Para configurar los parámetros del acceso haga clic en "Change advanced settings".


Wireless Network Connection 63
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
DQAtest
Security-enabled wireless network (WPA)
RTK 11n AP
Unsecured wireless network

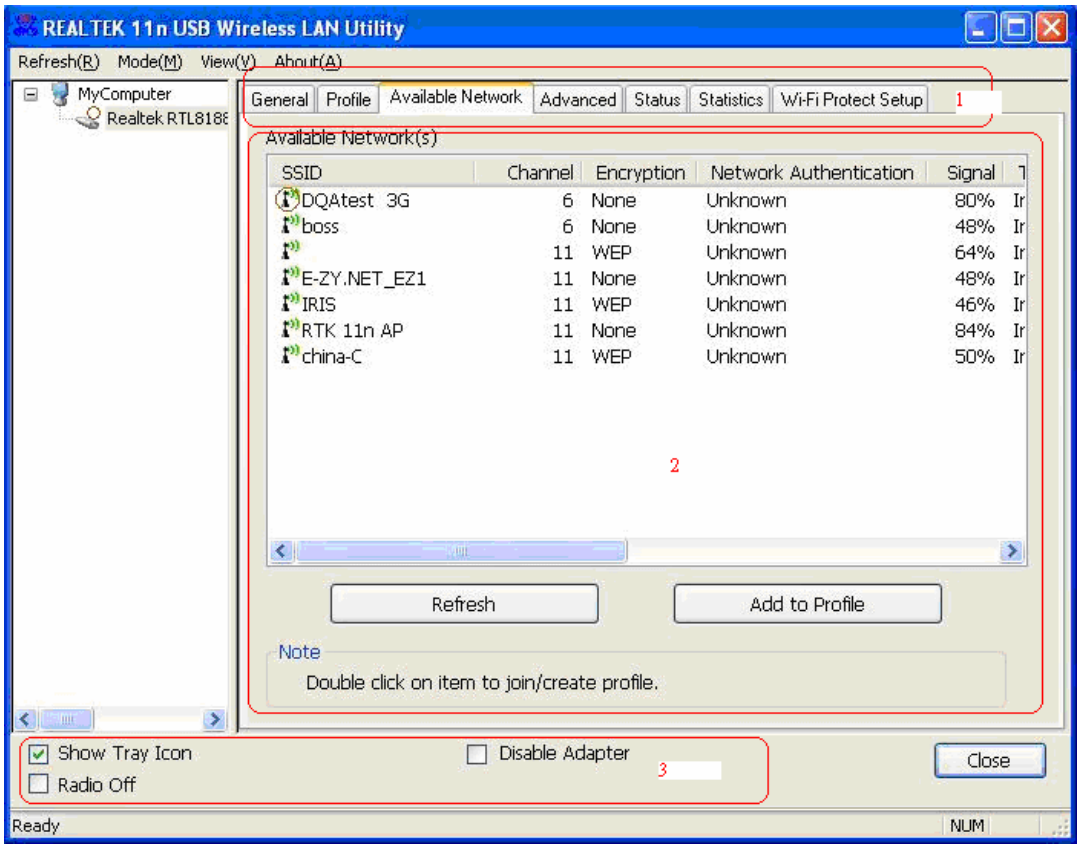
Conectando con la Utilidad 802.11n Wireless LAN

Se suministra esta utilidad para poder conectar fácilmente a distintas redes inalámbricas, mostrando más datos de información y de la configuración del adaptador. Por defecto la utilidad arranca automáticamente cuando enciende su sistema operativo y conecta a red inalámbrica con la mejor señal que no necesite configurar parámetros de seguridad. Haciendo clic en el icono de la barra de sistemas y seleccionando “Open Config utility” cuando no se abre por si mismo. Por favor consulte los siguientes capítulos para conocer las funciones de esta utilidad.

Puesta en Marcha de la Utilidad LAN Inalámbrica

Haga doble clic en el acceso directo de su escritorio. Aparece la Utilidad LAN Inalámbrica.

Puede hacer clic en las lengüetas superiores para configurar este adaptador. Las casillas de verificación inferiores proporcionan las funciones siguientes:

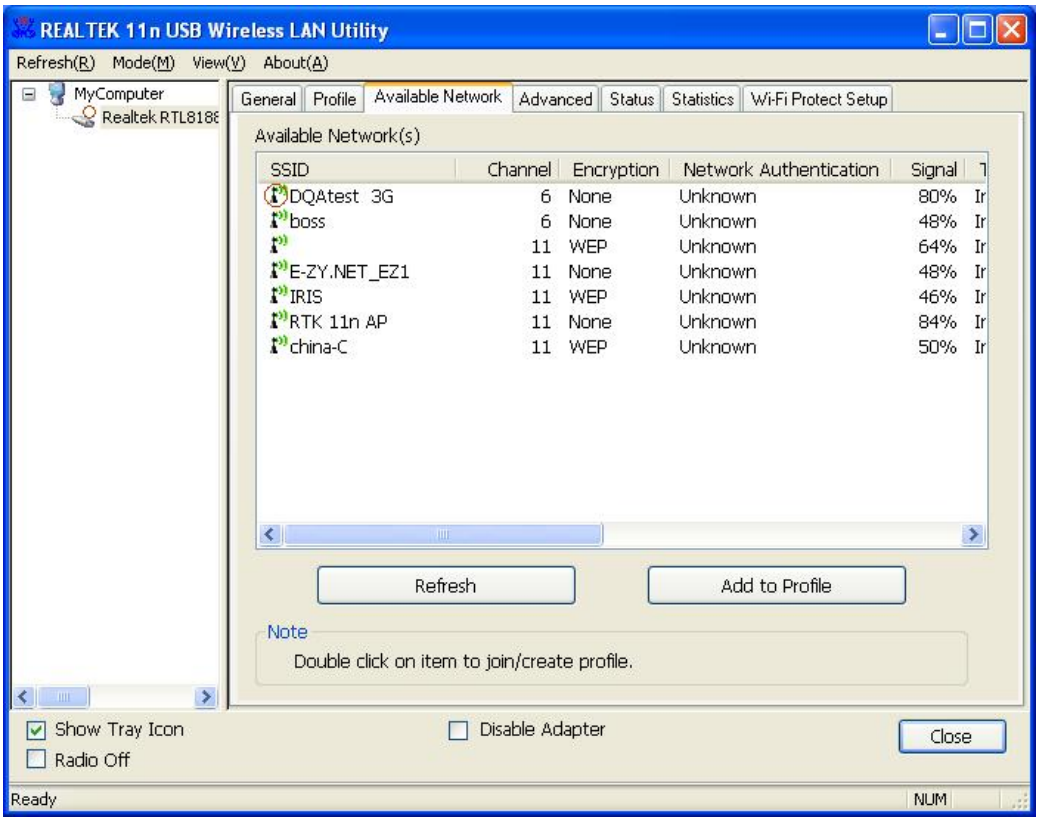


Show Tray Icon	Marque esta casilla de verificación para mostrar el icono de la utilidad en su bandeja de sistema, que está en el área de notificación en la esquina inferior derecha del escritorio de Windows. Puede también quitar la marca para eliminar el icono de la utilidad de la bandeja de sistema.
Radio Off	Marque esta casilla de verificación para evitar que este adaptador transmita o reciba señales. No la marque para comunicar.
Disable Adapter	Marque esta casilla de verificación para deshabilitar este adaptador inalámbrico. No la marque para habilitar de nuevo el adaptador.

Para utilizar este adaptador en Modo de Estación

1. Haga doble clic en el icono de su escritorio.

2. Haga clic en el botón **"Available Network"** para explorar adaptadores de red inalámbricos disponibles. Haga doble clic en el adaptador de red al cual se va a conectar.

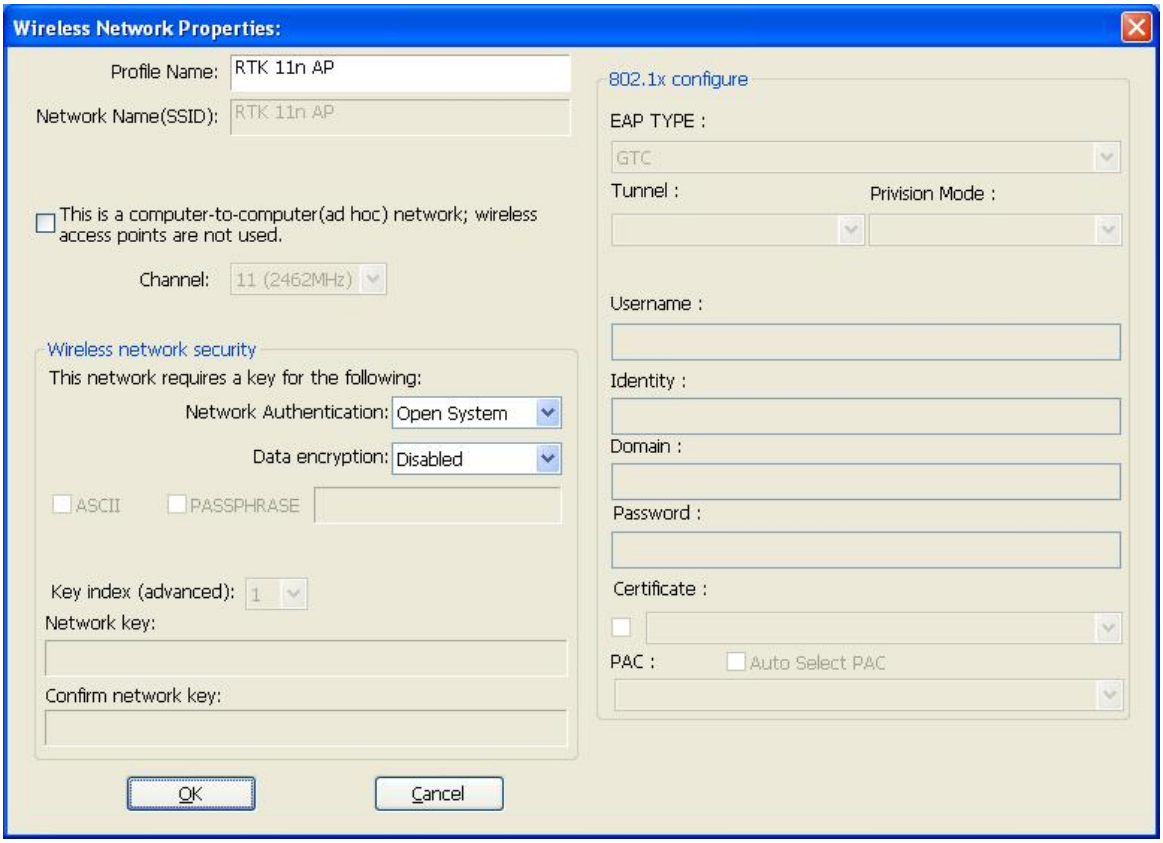


3. Haga clic en el botón OK para confirmar que se va a conectar a una red inalámbrica abierta.

Unsecured network
You are connecting to the unsecured network " RTK 11n AP ".
Information sent over this network is not encrypted and might be visible to other people.
OK
Cancel

4. Haga clic para añadir esta red a la lista de perfiles.

Nota: Este ejemplo es una red inalámbrica abierta. Si se va a conectar a un adaptador inalámbrico con protección de seguridad, deberá configurar los ajustes de encriptación en este perfil para que se correspondan con el otro adaptador inalámbrico. Haga clic en la lista desplegable **"Network Authentication"** para seleccionar un método de autenticación, y después seleccione un tipo de **"Data encryption"**. Rellene cada campo en blanco requerido y haga clic en **"OK"**.

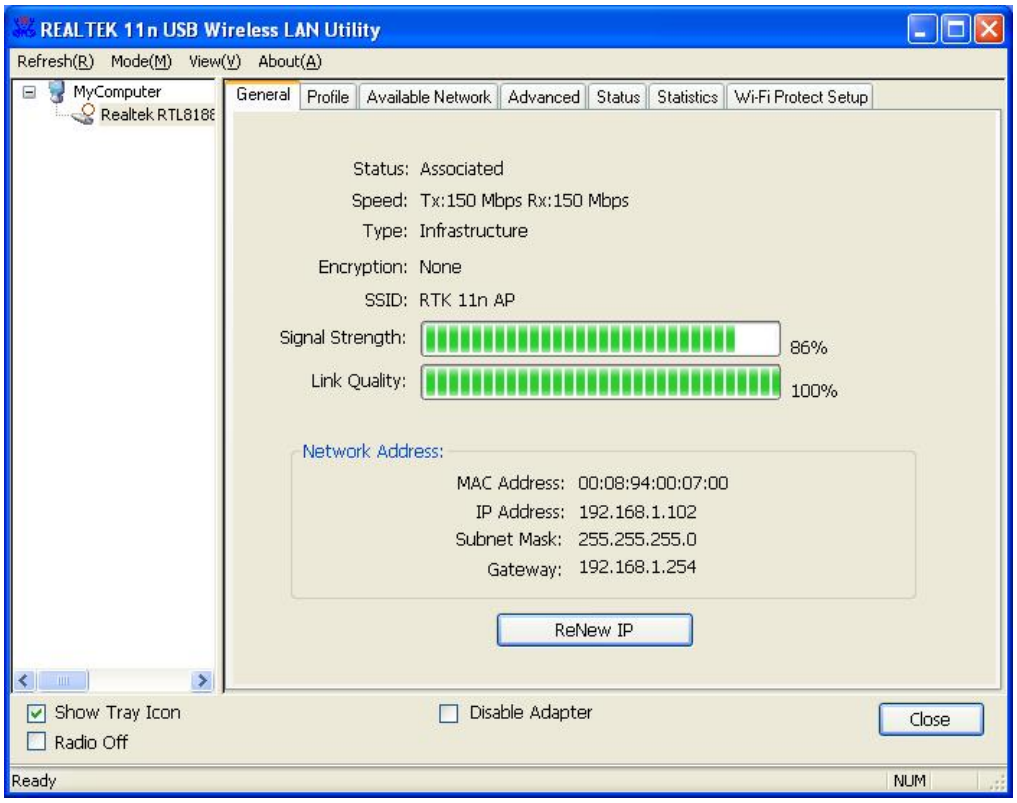

Wireless Network Properties:
Profile Name:
RTK 11n AP
Network Name(SSID):
RTK 11n AP
This is a computer-to-computer(ad hoc) network; wireless access points are not used.
Channel:
11 (2462MHz)
Wireless network security
This network requires a key for the following:
Network Authentication:
Open System
Data encryption:
Disabled
ASCII
PASSPHRASE
Key index (advanced):
1
Network key:
Confirm network key:
OK
Cancel
802.1x configure
EAP TYPE :
GTC
Tunnel :
Privision Mode :
Username :
Identity :
Domain :
Password :
Certificate :
PAC :
Auto Select PAC

Introducción a la Utilidad LAN Inalámbrica

Nota: Esta instrucción de gestión utiliza Windows XP como sistema operativo supuesto. Algunas funciones no son aceptadas en Windows 98se o Windows ME.

General (Generalidades)

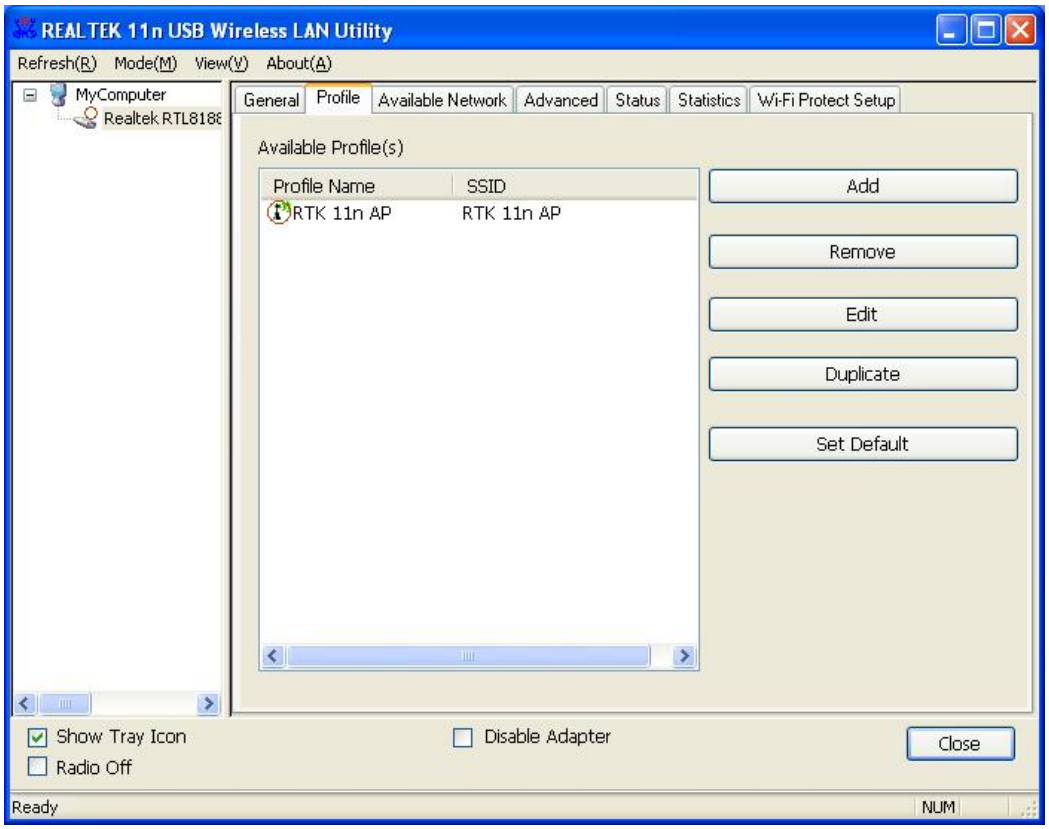
Después de poner en marcha la utilidad, aparece la página general. Esta lengüeta 'General' proporciona la información de su conexión de red inalámbrica actual. Puede hacer clic en el botón Renew para actualizar la información listada.



Status:	Comprueba si el dispositivo está asociado a la red objetivo.
Speed:	La velocidad de conexión actual
Type:	Modo Infraestructura o modo Ad-Hoc.
Encryption:	El modo de encriptación que está funcionando para conectar al perfil de red actual.
SSID:	El SSID (nombre de red) de la red inalámbrica conectada.
Signal Strength:	Indica la intensidad de la señal detectada por este adaptador.
Link Quality	Indica la calidad del enlace de esta conexión inalámbrica.
Network Address:	Muestra los ajustes de direcciones IP actuales para este adaptador.

Profile (Perfil)

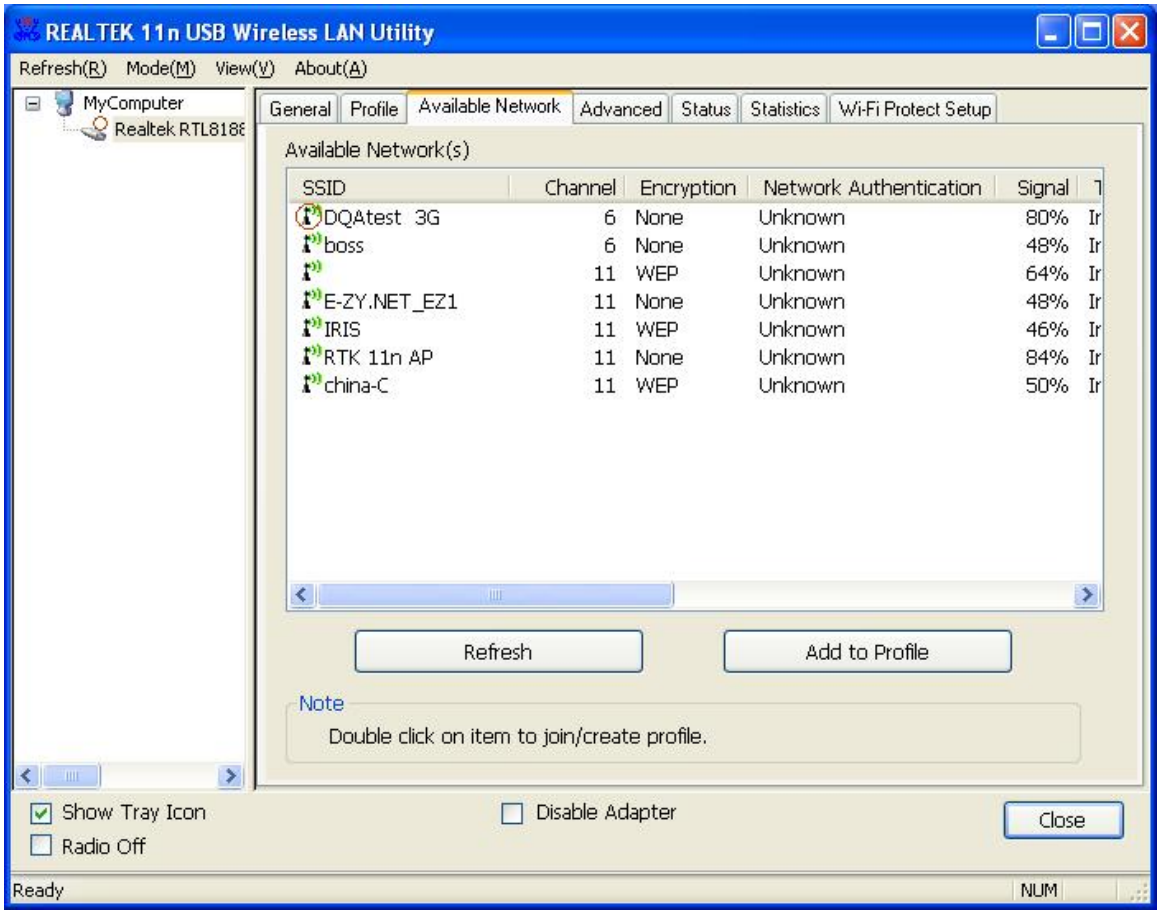
La lengüeta '**Profile**' lista las conexiones preferidas. Puede hacer clic en los botones contiguos para configurar cada conexión.



Add	Haga clic en este botón para añadir un perfil de conexión para este adaptador.
Remove	Para eliminar un perfil de conexión, haga clic en este perfil en el listado de perfiles y haga clic en este botón para borrarlo.
Edit	Para modificar las configuraciones de un perfil, haga clic en este perfil en el listado de perfiles y haga clic en este botón para editar.
Duplicate	Para realizar una copia de un perfil, haga clic en el perfil que se va a copiar y haga clic en este botón para copiarlo.
Set Default	Para seleccionar un perfil como su conexión inalámbrica por defecto, haga clic en este perfil en el listado y haga clic en este botón. Puede también hacer un doble clic en cada perfil para seleccionarlo como su conexión inalámbrica por defecto.

Available Network (Red disponible)

Esta lengüeta 'Available' lista las redes inalámbricas alcanzables de este adaptador.

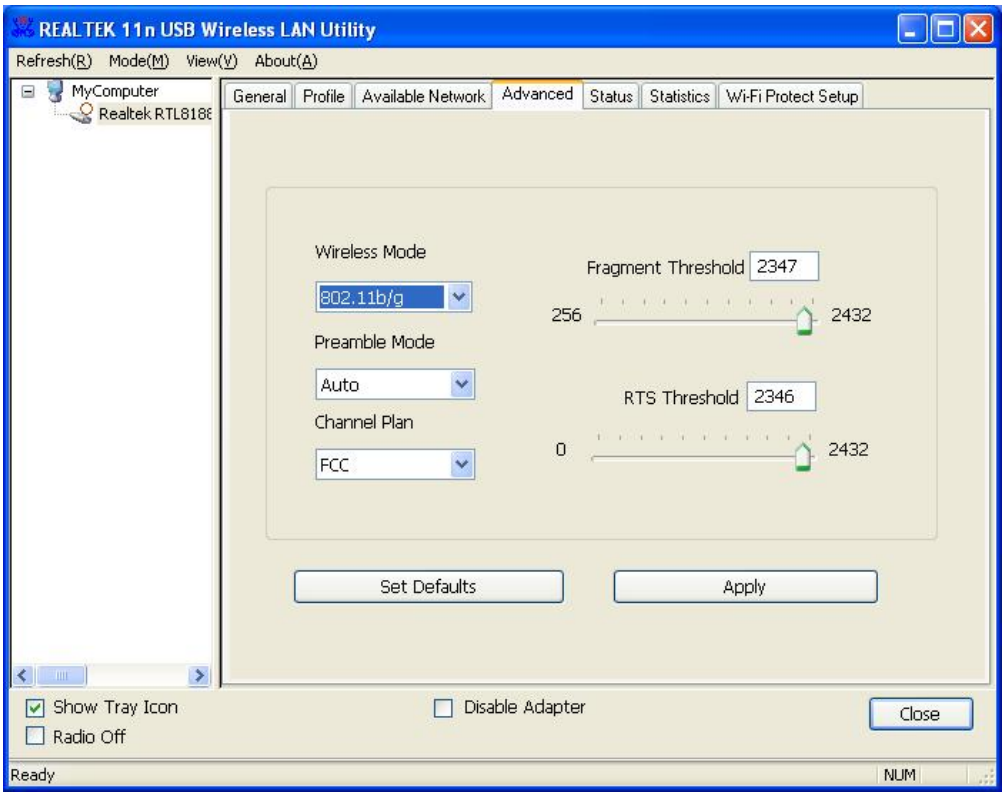


Refresh	Haga clic en este botón para reexplorar redes disponibles en torno al adaptador.
Add to Profile	Para añadir una red disponible a su listado de perfiles, seleccione una red disponible y haga clic en este botón para añadirla.

Advanced (Avanzadas)

Esta lengüeta Advanced proporciona configuraciones avanzadas para este adaptador. Cada modificación en esta lengüeta será efectiva después de hacer clic en el botón **Apply**.

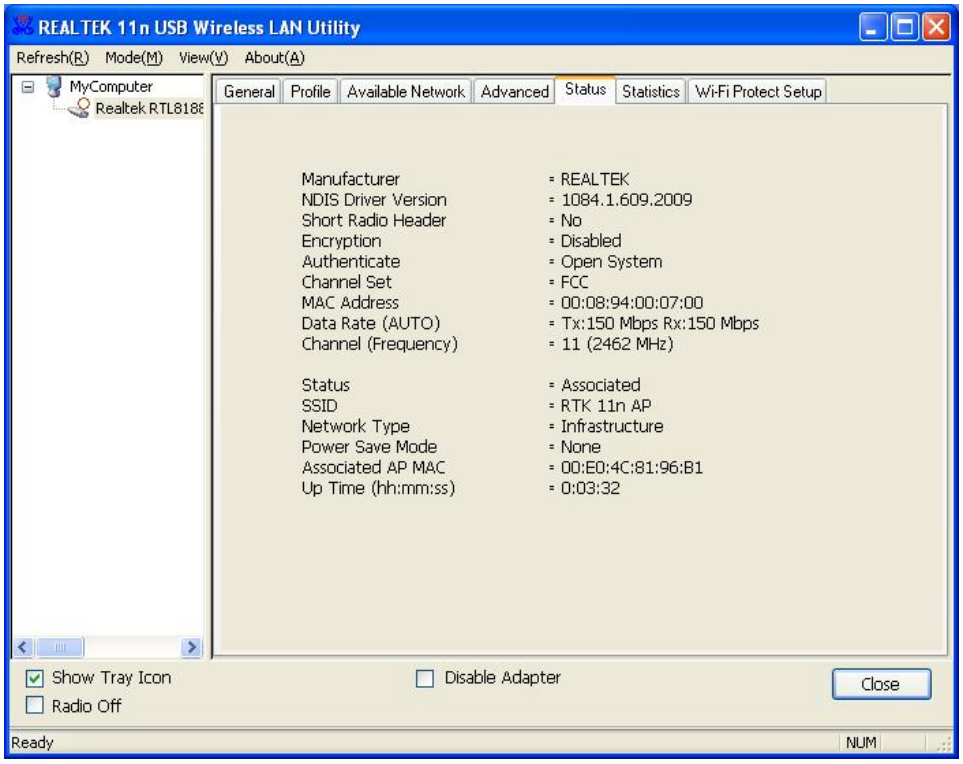
Para restaurar los ajustes por defecto de la lengüeta 'Advanced', haga clic en el botón **Set defaults** para realizar la restauración.



Power Save (ahorro de energía)	
None	Desactiva la función Ahorro de energía.
Min	Consumo de energía mínimo
Max	Consumo de energía máximo
Modo Turbo	
OFF	Desactiva el modo turbo
ON	Activa el modo turbo
AUTO	Activa o desactiva automáticamente el modo turbo de acuerdo con el entorno detectado
Fragment Threshold (Límite de fragmento)	
El tamaño máximo de un paquete que se va a segmentar y transmitir. Seleccione el tamaño desde 256 hasta 2432 (por defecto) bits.	
RTS Threshold (Límite RTS)	
Selecciona el Límite RTS desde 0 hasta 2432 (por defecto).	
Wireless Mode (Modo inalámbrico)	
802.11g/b	Conexión a una red 802.11b/g (2,4 GHz/54 Mbps)
802.11b	Conexión a una red 802.11b (2,4 GHz/11 Mbps)
802.11n	Conecta a una red 802.11n (2.4GHz/150Mbps)
Preamble Mode (Modo preámbulo)	
Selecciona que el modo preámbulo sea largo, corto o en modo de auto detección.	
Plan de Canales	
Seleccione su canal le la lista. Por favor tenga en cuenta de solo seleccionar canales elegibles legalmente. Seleccionando un canal incorrecto le puede causar problemas legales.	

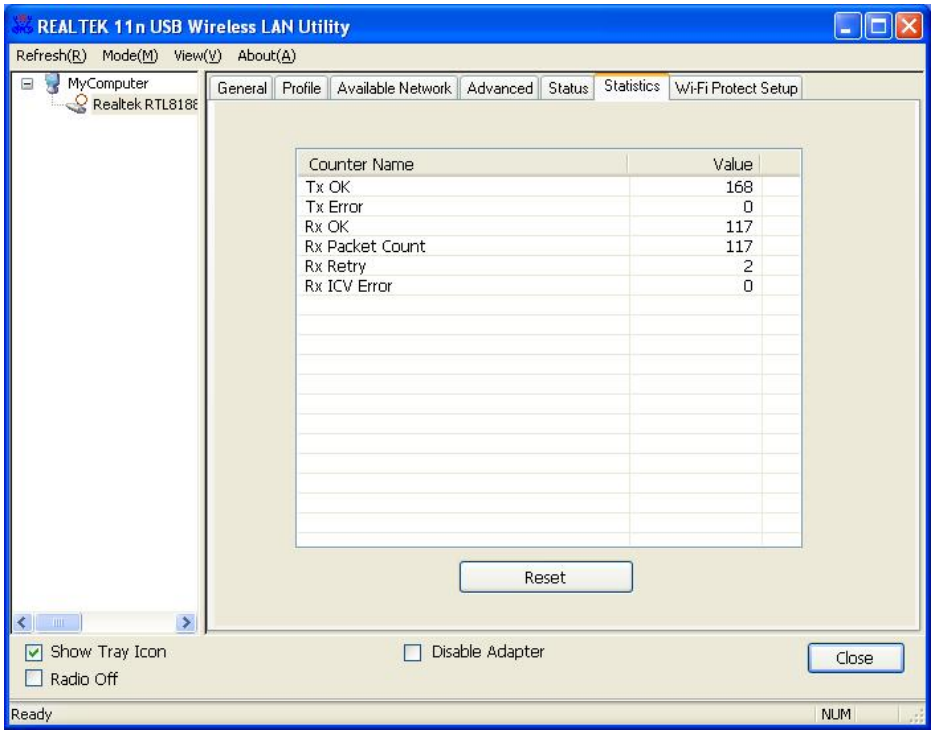
Estado

Esta lengüeta muestra el estado de la conexión actual de este adaptador.



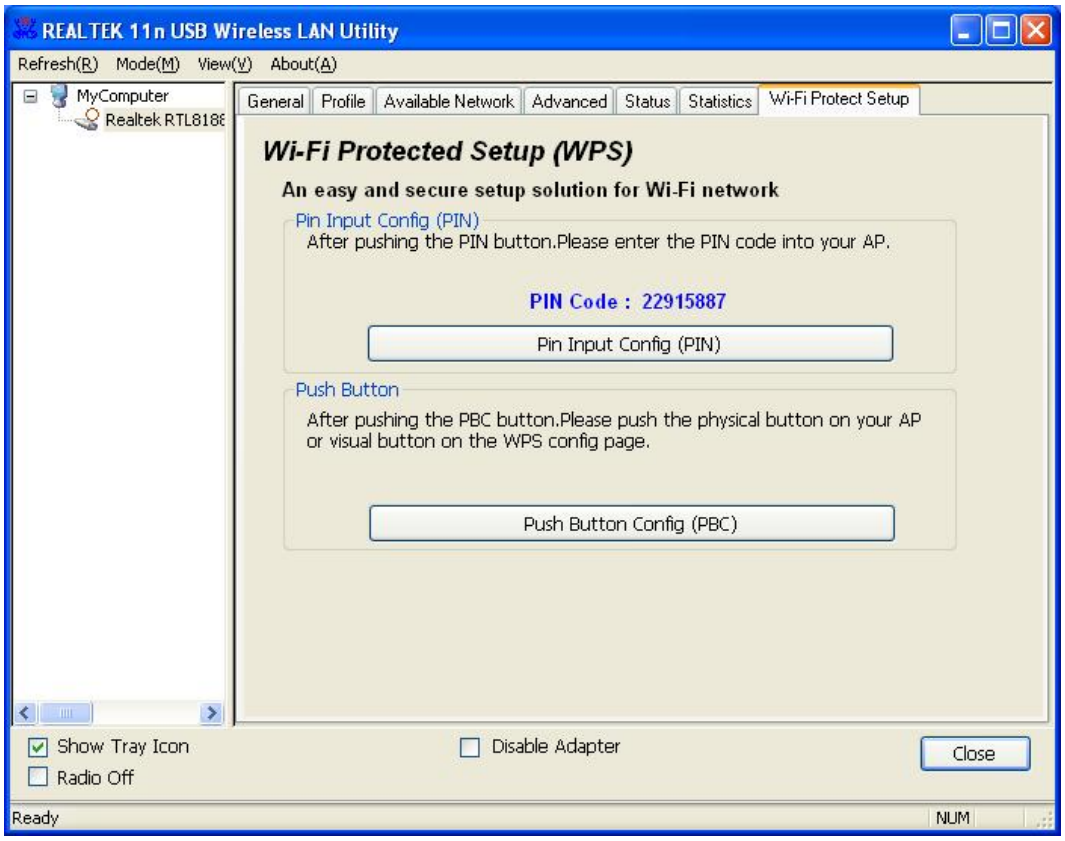
Statistics (Estadísticas)

Vea esta lengüeta para mostrar el registro de actividad de transmisión. Haciendo clic en el botón **"Reset"** recuenta los valores desde cero.



Wi-Fi Protect de instalación

El principal objetivo de la “Configuración Simple de Wi-Fi” del WPS (Wi-Fi Protected Setup) es simplificar la configuración de los parámetros de seguridad y la administración de redes inalámbricas. Este adaptador soporta la configuración mediante PIN o PBC (Push Button Configuración). Si una tarjeta inalámbrica soporta WPS (Wi-Fi Protected Setup), se puede establecer la conexión entre ella y el Punto de Acceso con PBC o por PIN.



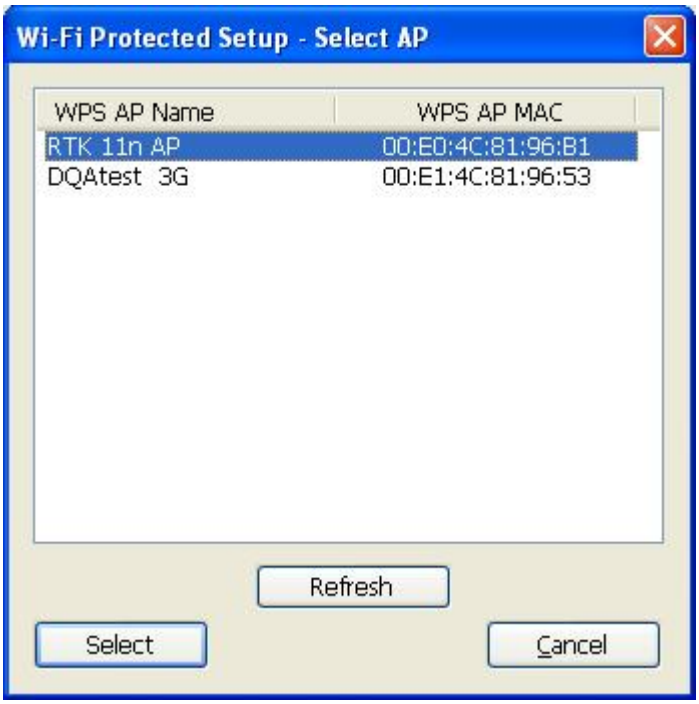
Seguido se explica las dos diferentes maneras de configurar QSS

QSS (Quick Security Setting) significa configuración rápida de seguridad. Presionando el botón QSS en el router y en el adaptador inalámbrico se configuran en ambos de manera automática las conexiones inalámbricas seguras por modo WPA2, sin tener que configurar algo manualmente. El Pin Code de 8 dígitos se genera totalmente automático de manera aleatoria.

1. Método PIN

Haga clic en el botón “Pin Input Config (PIN)” , para ver lo siguiente.

Haga clic en “Yes” para seleccionar un Punto se Acceso.



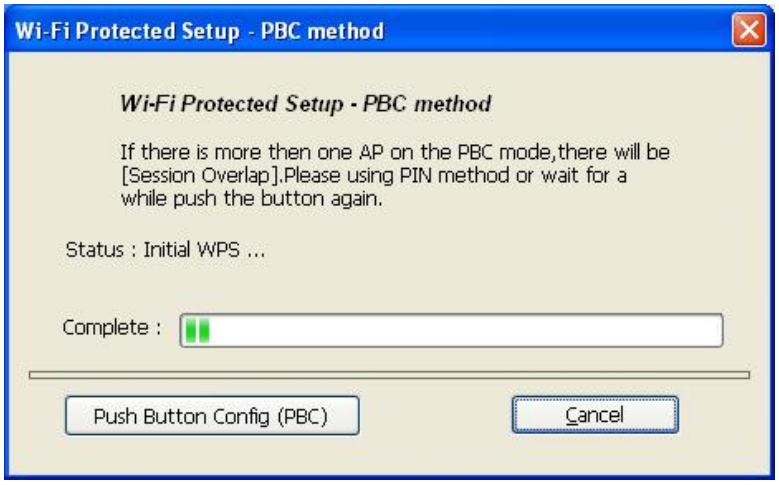
El modo de acceso se puede configurar mediante los botones “Refresh”, “Select” y “Cancel”. Seleccione un Punto de Acceso, seguido haga clic en “Select” y seleccione el método PIN para configurar el QSS.

Wi-Fi Protected Setup - PIN method
Wi-Fi Protected Setup - PIN method
Please enter the following PIN code into your AP .
PIN Code : 92595736
Status : Initial WPS ...
Cancel

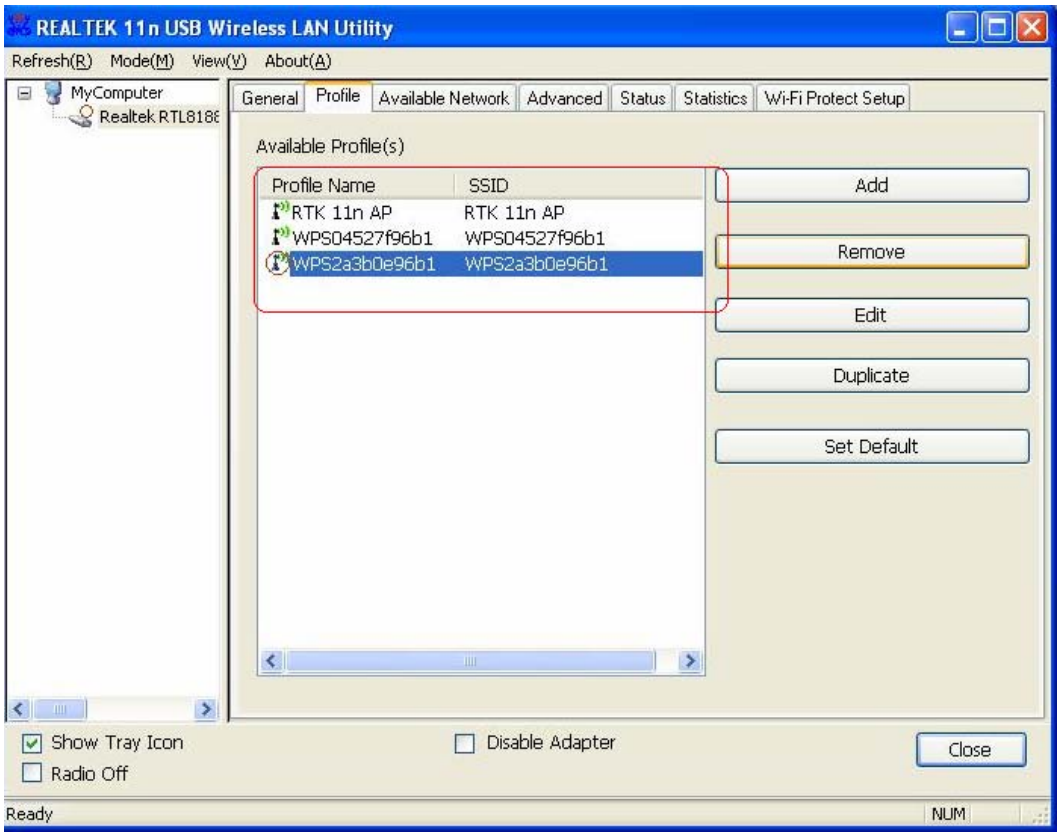
Haga doble clic en el icono de su navegador para Internet, a continuación teclee la IP de su Punto de Acceso o Router para configurar ahí también el PIN del modo WPS.

2. Metodo PBC (Push Button Configuration)

Después de presionar el botón PBC en su adaptador pulse en el Punto de Acceso también el botón físico para PBC o si no está disponible, haga clic en el botón del menú de configuración WPS.


Wi-Fi Protected Setup - PBC method
Wi-Fi Protected Setup - PBC method
If there is more then one AP on the PBC mode,there will be [Session Overlap].Please using PIN method or wait for a while push the button again.
Status : Initial WPS ...
Complete :
Push Button Config (PBC)
Cancel

Por favor entre en el menú de la configuración WPS de su Router o Punto de Acceso y a continuación inicie la conexión PBC. Cuando la configuración es correcta se ha cambiado el perfil disponible.



APÉNDICE

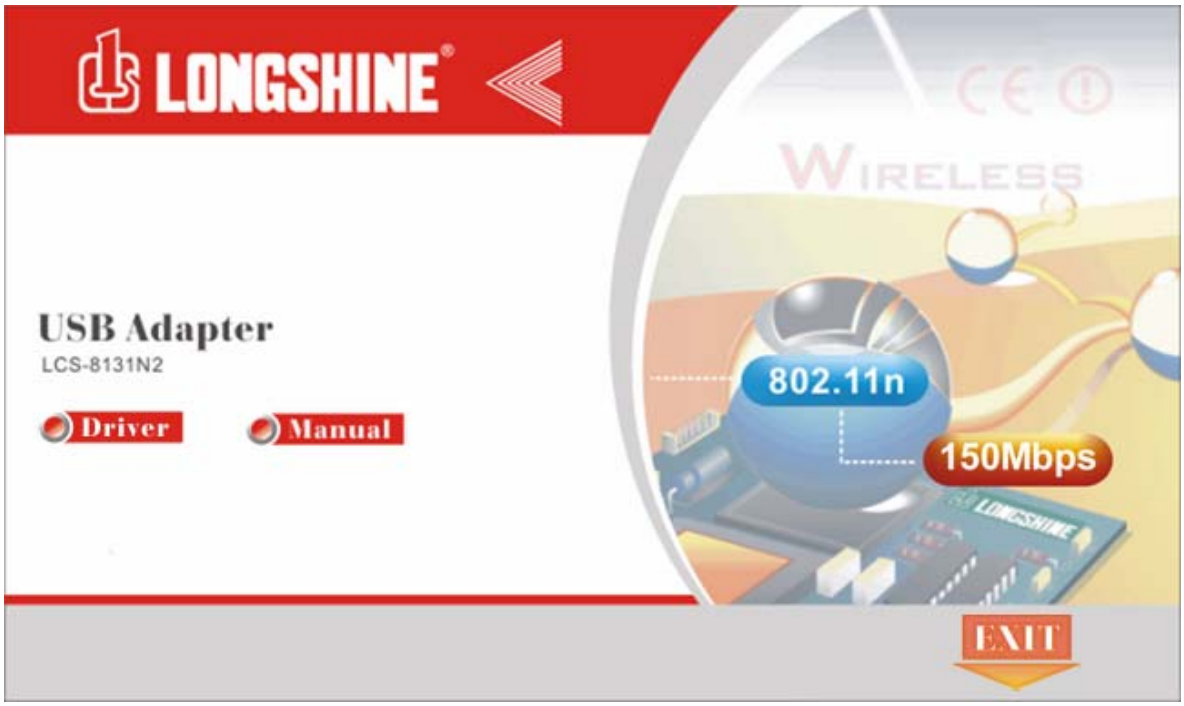
Instalación del controlador de Windows Vista

Nota: La siguiente guía de instalación del controlador utiliza Windows XP como sistema operativo supuesto. Los procedimientos y pantallas en Windows 98se y 2000 son similares a las de Windows XP.

1. Desenchufe el cable de alimentación del ordenador de la toma de corriente. Quite la tapa del ordenador.
2. Instale el adaptador en una toma PCI, una ranura PCMIA o un puerto USB.
3. Aparece la ventana "Found New Hardware Wizard" (Asistente de Encontrado Nuevo Hardware). (**Nota:** El asistente no aparecerá en Windows 98 y ME. El sistema encuentra el nuevo hardware y lo instala automáticamente. Omita los siguientes pasos y reinicie el sistema después de la instalación).
4. haga clic en Cancelar, y ejecutar el programa Asistente para la instalación en el CD-ROM..

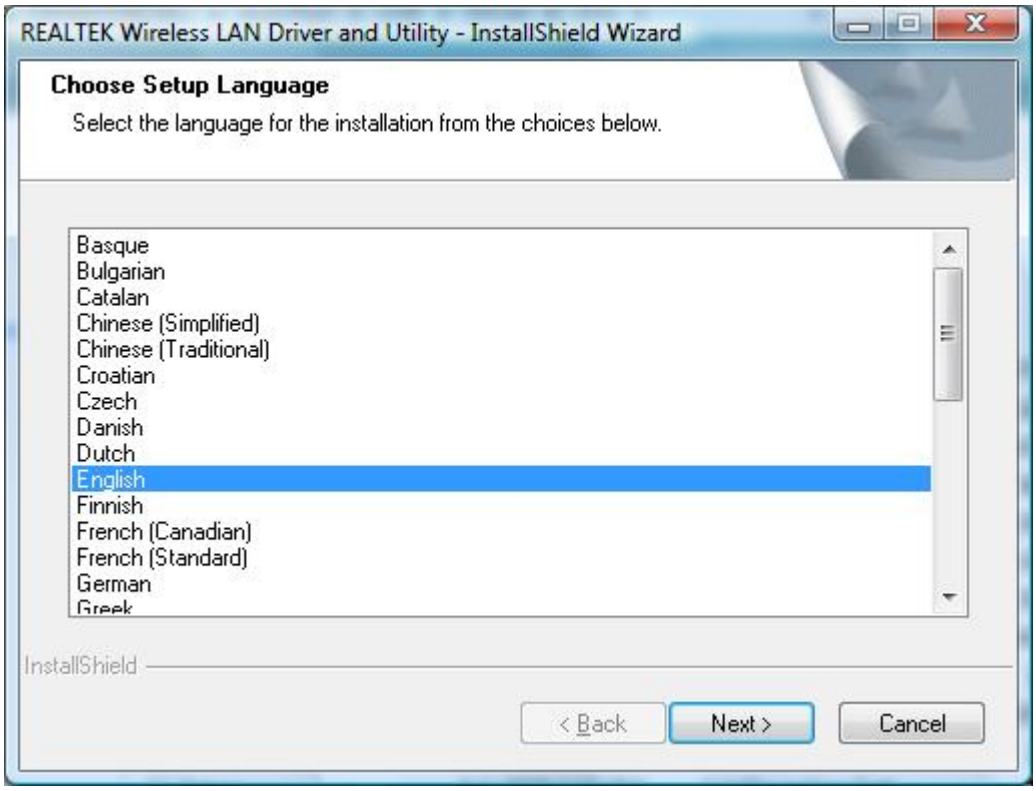
Found New Hardware
Windows needs to install driver software for your RTL8188S WLAN Adapter
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

Inserte el CD-Rom que viene con este producto en la unidad de CD-Rom. Aparece automáticamente la ventana del menú. Haga clic en el botón **"Driver-WIN"** (controlador) de este producto.

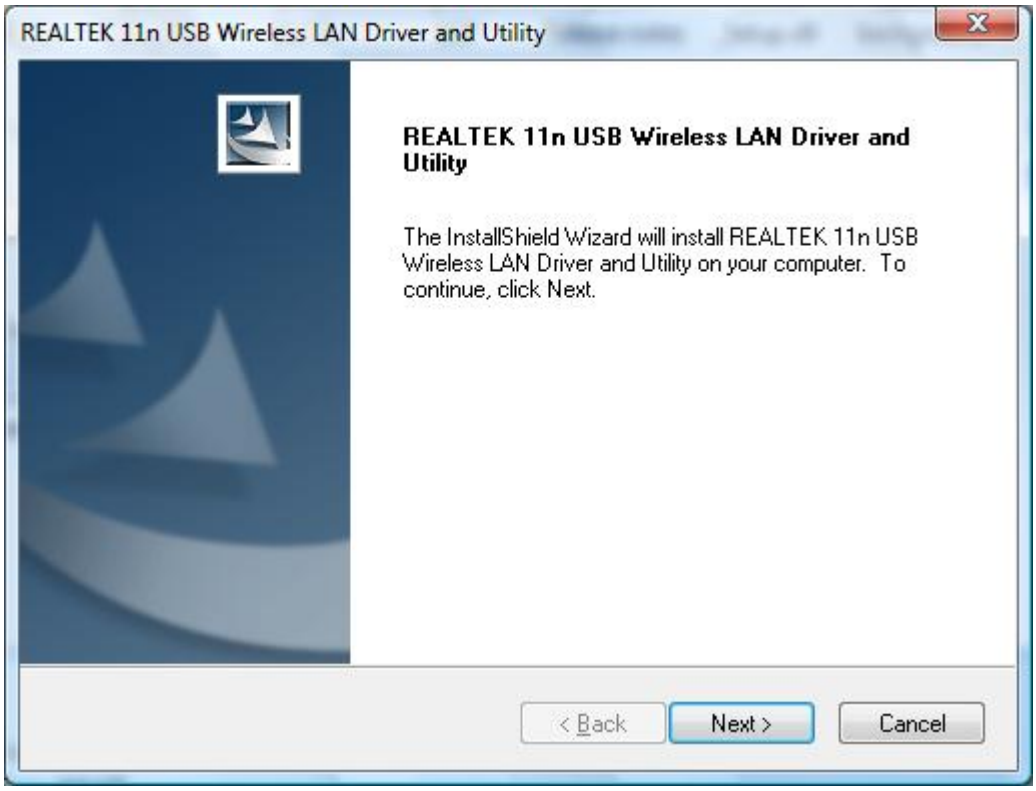


Nota: Si el CD-Rom no realiza el auto-arranque, haga clic en **"My Computer"→ your CD-Rom Drive** y después haga doble clic en el icono **"Setup"** para iniciar este menú.

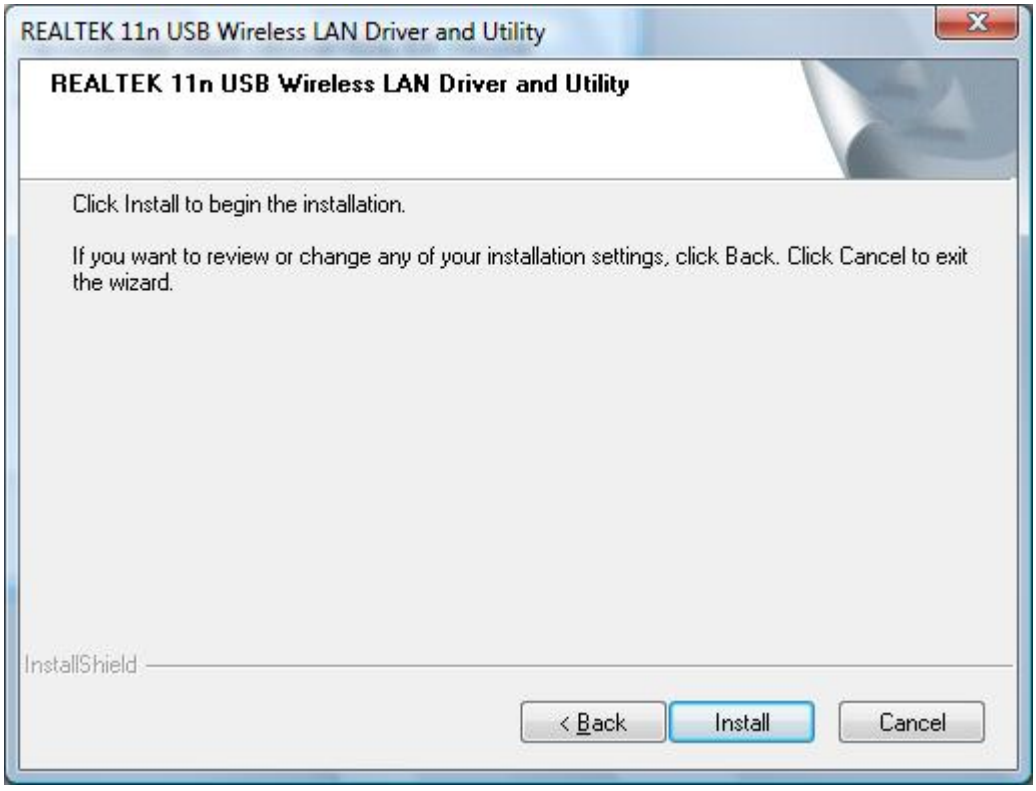
5. Aparece la ventana del menú de selección del idioma. Seleccione el idioma que desee y haga clic en **Next**.



6. Aparece la ventana de bienvenida. Haga clic en el botón **"Next"** para proceder.


REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
The InstallShield Wizard will install REALTEK 11n USB Wireless LAN Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

7. Haga clic en el botón "Install" para comenzar la instalación

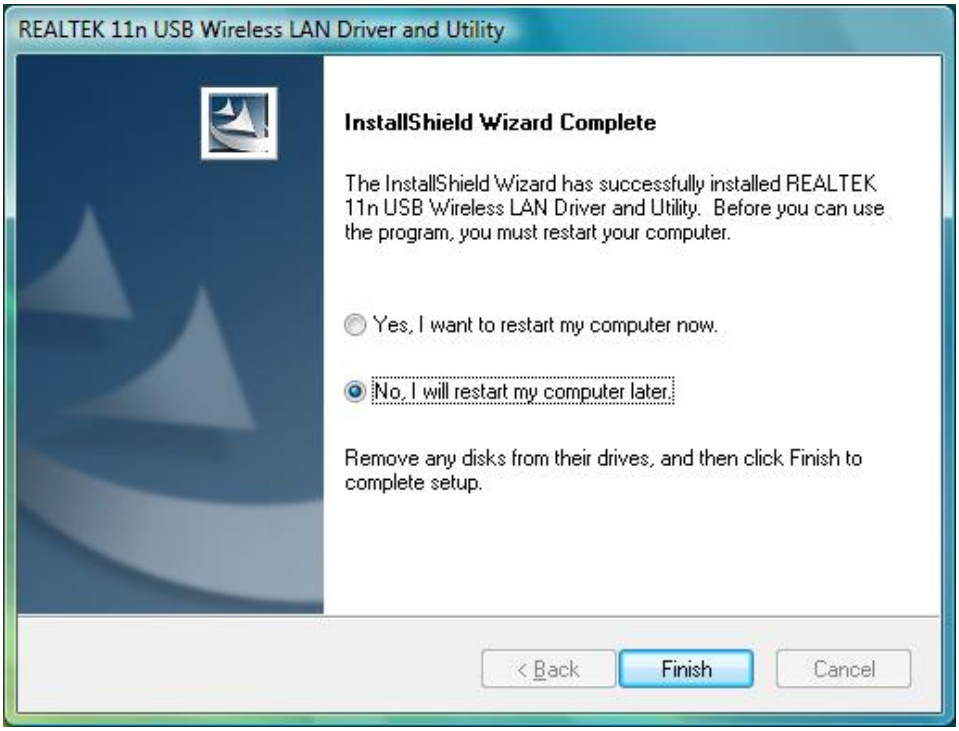

REALTEK 11n USB Wireless LAN Driver and Utility
REALTEK 11n USB Wireless LAN Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

8. Puede aparecer esta ventana de advertencia de prueba de Windows Logo después de la instalación. Haga clic en " **Install this driver software anyway** " para continuar.

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

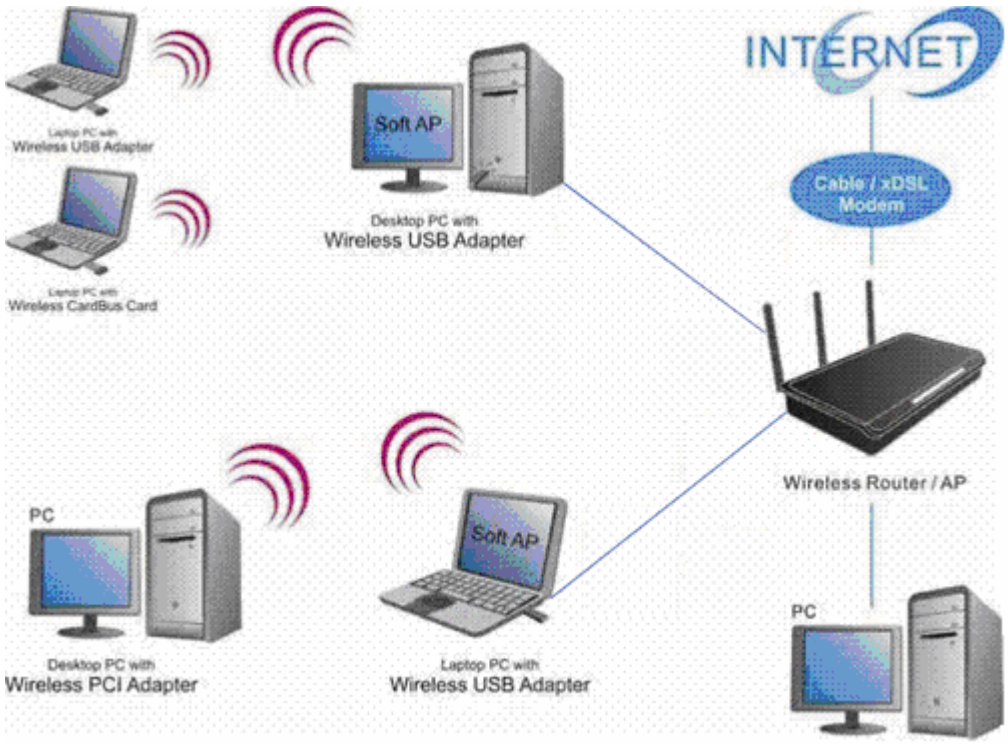
9. Por favor espere mientras la instalación esta en progreso.

10. Usuarios de Windows XP y 2000 necesitan reiniciar el PC. Si está utilizando Windows 98se o ME, el propio sistema lo pedirá, pero por favor seleccione “No, reiniciaré mi Ordenador más tarde.” y seguido reinicie su PC a mano. Haga clic en el botón “Finish” para finalizar la instalación del driver y de las utilidades.


REALTEK 11n USB Wireless LAN Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Guía de gestión del modo AP

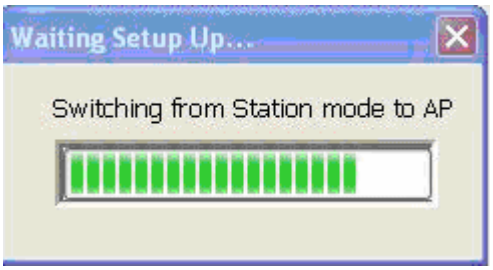
Software Access Point (AP Soft) Aplicación:



General (Generalidades)

Para utilizar el adaptador como Punto de Acceso por favor haga clic en “Mode” y seleccione “Access Point”.

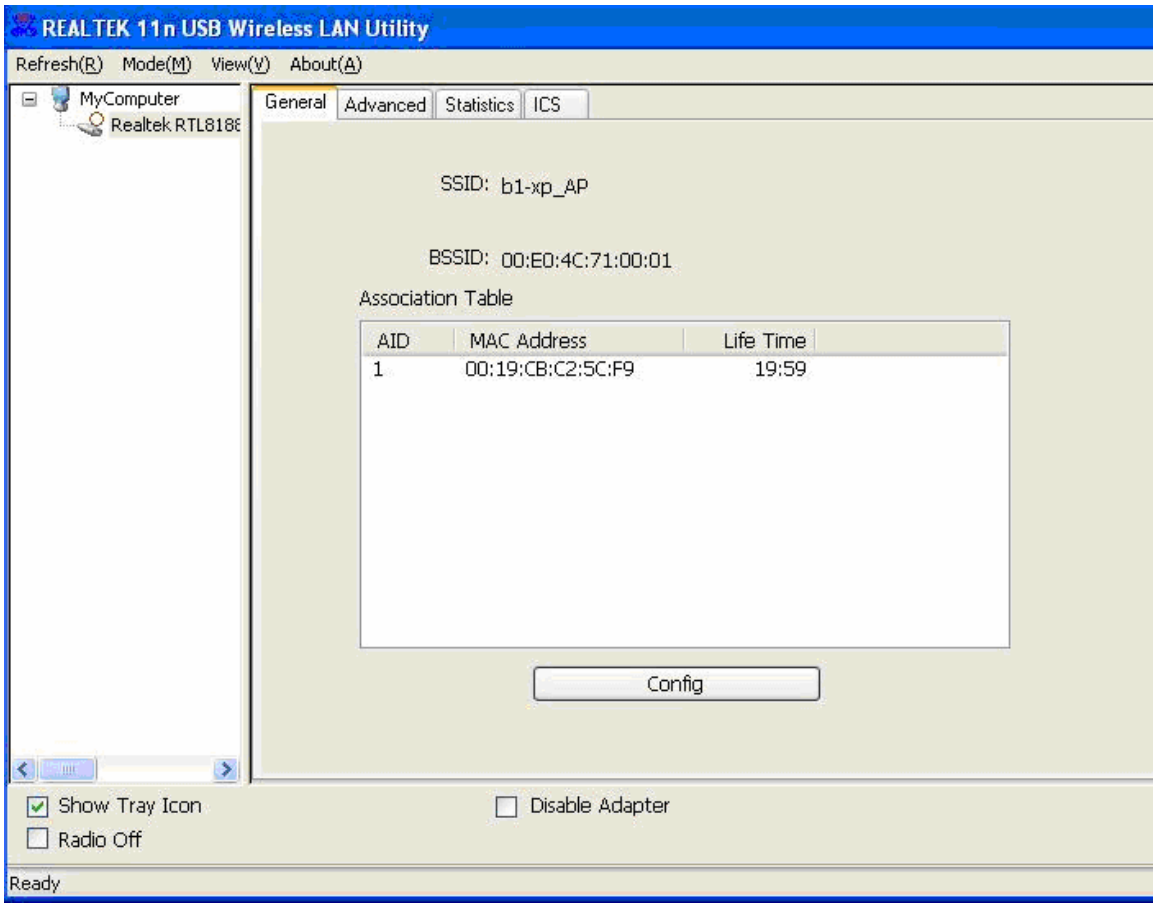
A continuación cambie de “Station Mode” a “AP”:



Al mismo tiempo verá que el icono de la barra de sistema ha cambiado.

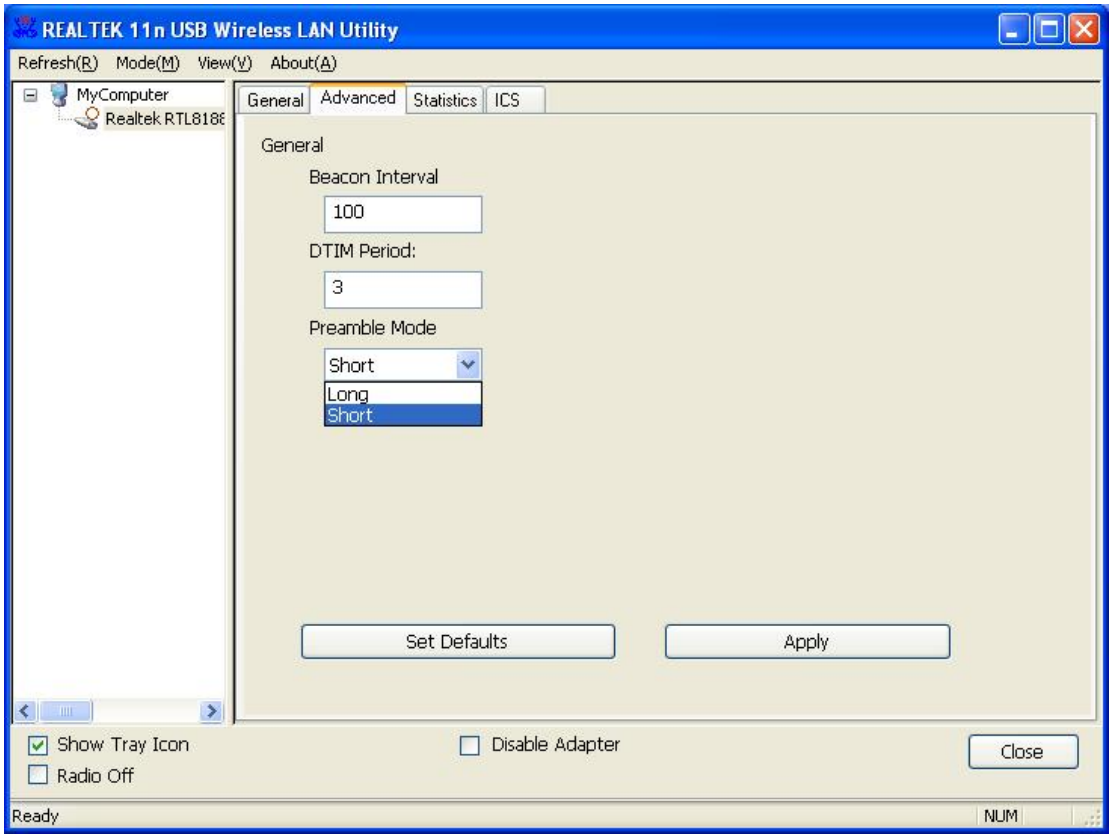
Después de configurar el adaptador en modo AP aparece esta página "General", que muestra la información general de este AP.

SSID:	El SSID (nombre de red) de la red inalámbrica construida por este AP.
BSSID:	La dirección MAC de este AP
Config:	Haga clic en este botón para cambiar configuraciones de este AP
Association Table:	Muestra la información de los dispositivos que están asociados con este AP incluidas sus direcciones MAC y el tiempo que han estado conectados con este dispositivo.



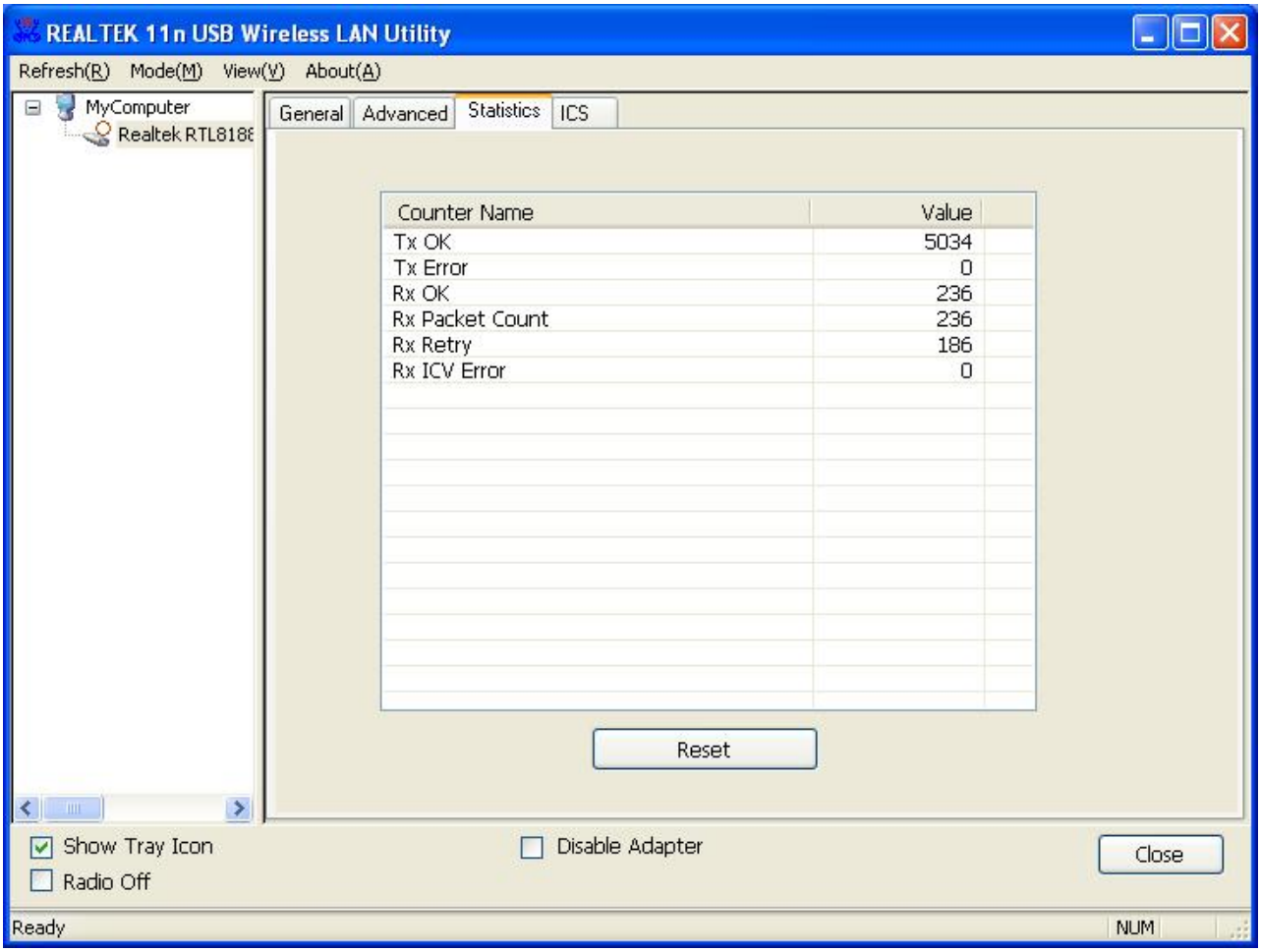
Advanced (Avanzadas)

Beacon Interval:	Define el intervalo entre avisos sonoros desde 20 hasta 1000
DTIM Period:	Ajusta el periodo DTIM entre 1 y 255
Preamble Mode:	Haga clic en la lista desplegable para escoger que el preámbulo sea largo, corto o automático.
Set Defaults:	Haga clic en este botón para restaurar los ajustes anteriores por defecto.
Apply:	Haga clic en este botón para ejecutar los cambios.



Statistics (Estadísticas)

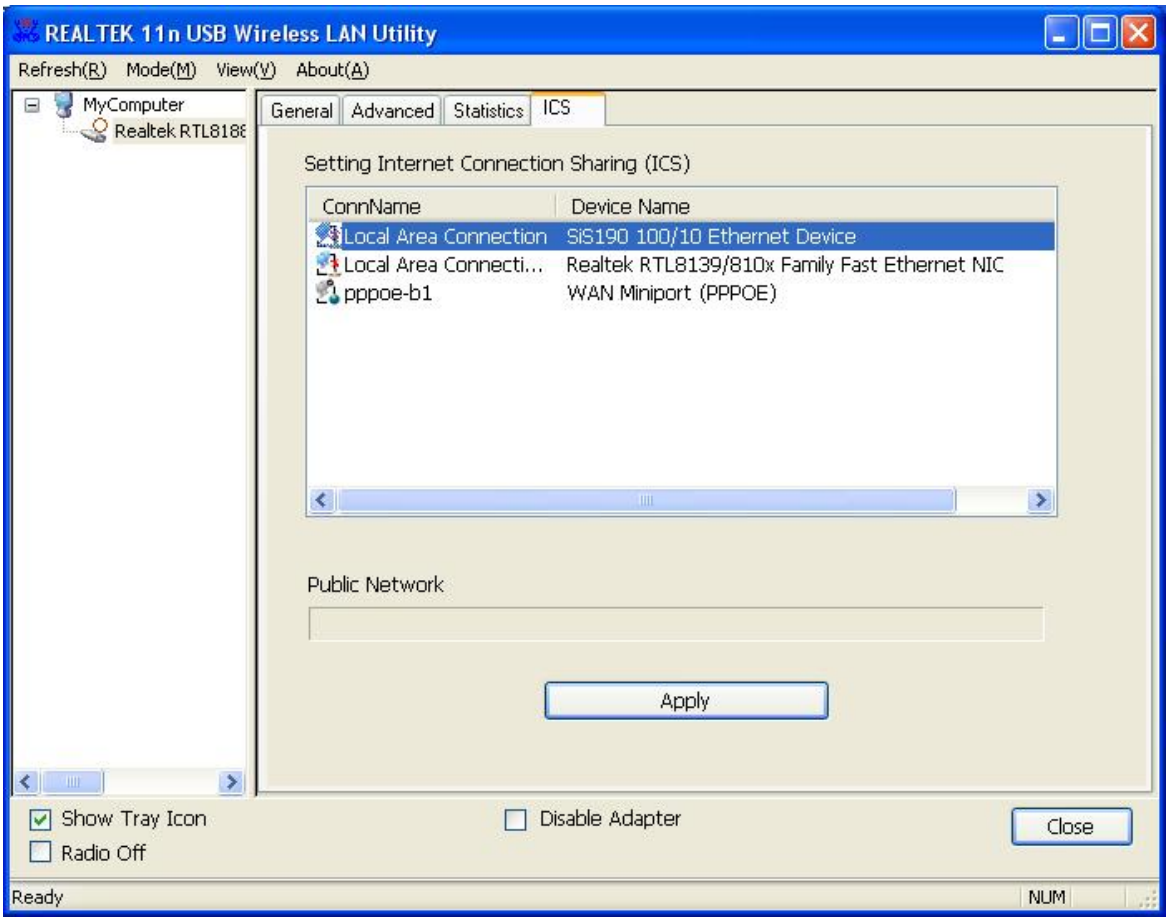
Vea esta lengüeta para mostrar el registro de actividad de transmisión. Haciendo clic en el botón **"Reset"** recuenta los valores desde cero.



ICS

Esta página permite a los usuarios escoger el adaptador para conectar a la red pública.

Haga clic en el dispositivo que se utiliza para conectar a la red pública, y después haga clic en el botón "Apply" para ejecutar.



ESPECIFICACIÓN DEL PRODUCTO

Norma
IEEE 802.11n draft 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u
Interfaz
USB 2.0
Seguridad
WEP 64/128 bit, WPA (TKIP con IEEE 802.1x), AES
Sensibilidad del receptor
802.11n típicos -68 dBm; 802.11g típicos -73 dBm; 802.11b típicos -84 dBm
Canal
USA 11, Europa 13, Japón 14
Velocidad de transferencia de datos
802.11b: 1, 2, 5.5 y 11 Mbps 802,11g: 6, 9, 12, 24, 36, 48 y 54 Mbps 802.11n: hasta 150 Mbps
Potencia de transmisión
16 dBm típicamente @ 802.11b 14 dBm típicamente @ 802.11g 13 dBm típicamente @ 802.11n
Rango de cobertura
Interiores 35~100 metros Exteriores 100~300 metros
Indicador LED
Enlace (Verde)
Temperatura de funcionamiento
0- 40º C (32 – 104º F)
Humedad de funcionamiento
10% ~ 90% (sin condensación)
Emisión
FCCC Clase B, Ce, VCCI Clase B

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WEB: http://www.longshine.de E-MAIL: sales@longshine.de

DECLARATION OF CONFORMITY IN ACCORDANCE WITH THE RADIO AND TELECOMMUNICATIONS TERMINAL EQUIPMENT ACT (FTEG) AND DIRECTIVE 1999/5/EC (R & TTE DIRECTIVE)

CE = European Community Conformity Mark

We, Manufacturer/Importer

Longshine Technologie (Europe) GmbH
An der Strusbek 9
22926 Ahrensburg
Germany

Declare That The Product

LCS-8131N2
IEEE802.11b/g/n Wrieless USB Adapter

Is In Conformity With:

Standards	Results
EN 300328 V1.7.1 (2006-10)	Pass
EN 62311:2008	Pass
EN 301489-1 V1.8.1 (2008-04)	Pass
EN 301489-17V1.3.2 (2008-04)	Pass
EN 55022 :2006+A1 :2007 Class B	Pass
EN 61000-4-2 :1995+A1 :1998+A2 :2001	Pass
EN 61000-4-3 :2006+A1 :2008	Pass
EN 60950-1:2006	Pass

Identification of signatory empowered to bind the manufacturer or his authorized representative.

Signature

Manufacturer/Importer

Date: 14.10.2009